# NEMATOLOGY LITERATURE LIST 1972 — 1973

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## NEMATOLOGY LITERATURE LIST

1972 - 1973

## By Virginia Harrington 1/

This list records 1,450 publications reviewed by the Plant Nematology Laboratory (formerly Nematology Investigations) during calendar years 1972 and 1973. Fourteen headings divide the list according to subject matter. Each reference has been listed only once, under the category considered most appropriate.

Most citations were indexed from the original publications or reprints forwarded to us through the courtesy of the authors. Others were indexed from journals of abstracts, while a few were listed from the bibliographies and literature citations of published papers.

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## GENERAL INTEREST

- Anon. 1971. Plant Quarantine Announcements. FAO Plant Protection Bulletin 19(4):93-94.
- 1971. Plant Quarantine Announcements. FAO Plant Protection Bulletin 19(6):142-143.
- 1971. News and notes: Plant quarantine regulation for the Southeast Asia and Pacific region. FAO Plant Protection Bulletin 19(6):144.
- 1972. H. W. Reynolds retires, Nematology branch at cotton center closes. Arizona Farmer Ranchman 51(8):23,35.
- 1973. The goal: Higher-yielding soybeans. Agricultural Research 22(6):6-9.
- Bell, D. K. and N. A. Minton. 1973. Postemergence damping-off of peanut plants caused by <u>Pythium myriotylum</u>. Phytopathology 63(12): 1544-1545.
- Branca-Lacombe, G. 1971. Les sources documentaries en phytonematologies. Station de Recherches sur les Nematodes, 1-14.
- Brown, A. W. A. 1973. Pest control strategies ten years hence: Malaria. Bulletin of the Entomological Society of America 19(4):195.
- Croll, Neil A. 1973. Concepts. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minesota, p. 0001.
- Darlington, Jr., P. J. 1971. Modern taxonomy, reality, and usefulness. Systematic Zoology 20(3):341-365.
- Dunning, R. A. 1971. Changes in sugarbeet husbandry, and some effects on pests and their damage. Proc. 6th Br. Insectic. Fungic. Conf. (1971), 1-8.
- Esser, R. P. 1972. Al Taylor appointed "chief". Nematology News Letter 18(4):9.
- Goodman, R. N. 1973. Trends in host-parasite relations research: A change in focus not in locus. Phytoparasitica 1(1):55.
- de Grisse, Andre. 1972. Nematoden, de onderschatte vijanden in de fruitteelt. Belgische Fruitrevue 24(9):227-229.

- Hanson, A. A. 1972. A directed ecosystem approach to pest control and environmental quality. J. Environ. Quality 1(1):45-54.
- Hopper, B. E. 1972. B. G. Chitwood In memorium. Nematology News Letter 18(4):1.
- Hull, R. 1971. Broom's barn experimental station. Rep. Rothamsted Exp. Stn. for 1971, Part 1, 271-376.
- Jones, F. G. W. 1971. Nematology Department. Rep. Rothamsted Exp. Stn. Part 1, 163-178.
- 1972. Nematology Department. Rep. Rothamsted Exp. Stn. Part 1, 154-173.
- Kampfe, Lothar. 1971. X. Internationales symposium der Europaischen nematologischen gesellschaft. Pedobiologia 11:269-270.
- 1971. Bericht über das X. Internationale symposium der Europaischen nematologischen gesellschaft. Nachirchtenblatt für den Pflanzenschutz-dienst in der DDR 4:78-80.
- 1973. XI. Internationales symposium fur nematologie. Pedobiologia 13:251-252.
- Kawamoto, Noboru, Akio Tateya, and Yoshihiro Hoshino. 1973. Comparison between the tow methods of dry container fumigation with methyl bromide. Research Bulletin of the Plant Protection Service 11:15-19.
- Kawamoto, Noboru, Akio Tateya, Yoshihiro Hoshion, Hiroaki Shoji, Takeshi Sakai and Shigeru Kimura. 1973. Determination of bromine residues in several imported cereals fumigated with methyl bromide. Research Bulletin of the Plant Protection Service 11:20-25.
- Krall, E. 1972. K. I. Skrjabin In memorium. Nematology News Letter 18(4):1.
- Loof, P. A. A. and S. A. Sher. 1971. <u>Ditylenchus</u> Filipjev, 1939 (Nematoda): application for protection under plenary powers Z.N. (S.) 1955. Bulletin of Zoological Nomenclature 28(3/4):112-113.
- Lorrain, R. 1972. The necessity and advantages of legislation and nematode control methods in Europe. The creation of a French laboratory for nematological investigations. (Abstract). XIth International Symposium of Nematology, Reading, 43-44.
- McBeth, C. W. 1971. Nematode problems of citrus. The Fruit World and Market Grower 72(4):14,16.

Martin, George C. 1972. Potatoes and plant-parasitic nematodes. Stock and Crops, 5 pages.

Martin, W. J. and W. Birchfield. 1972. Endogone sp. in roots of sweetpotatoes and soybeans in Louisiana. Plant Dis. Reptr. 56 (1):58.

Matthews, Samuel W. 1953. Beltsville brings science to the farm. National Georgraphic Magazine CIV(2)199-218.

Mills, J. T. 1972. Interactions among biotic variables affecting Cochliobolus sativus as a pathogen of cereals. Can. Plant. Dis. Surv. 52(4):130-136.

Oostenbrink, M. 1972. Application of nematode density figures in plant production. (Abstract). XIth International Symposium of Nematology, Reading. p. 52.

Letter 19(3):1. 1973. Fire destroys Oostenbrink lab. Nematology News

Ritter, M. 1971. Progres et tendance de la recherche en nematologie. Mededelingen Fakulteit Landbouw. Wetenschappen Gent. 36(3/4):803-813.

Tolors 1971. La lutte contre les nematodes. Les Nematodes Des Cultures. 532-536.

Scotto La Massese, C. 1971. Les problems nematologiques en serre. Les Nematodes Des Cultures. 427-444.

Stern, Vernon M. 1973. Insect pest management. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 1022.

Taylor, C. E. 1971. Zoology. 17th Ann. Report (1970) The Scottish Horticultural Research Institute. 59-64.

Winfield, A. L. 1972. Potato cyst eelworm--(film). (Abstract). XIth International Symposium of Nematology, Reading. p. 80.

Wouts, W. M. and G. W. Yeates. 1972. Redistribution of type material. Nematologica 18(1):152-153.

## NEMATODE SPECIES

Abawi, G. S., Janice Foster, and W. F. Mai. 1973. Differentiation of cysts of <u>Heterodera schachtii</u> and <u>H. trifolii</u> by fenestral length. J. Nematol. 5(1):74-75.

- Ali, S. Mehid, M. Nasrullah Farooqui, and M. V. Suryawanshi. 1970. Two new species of <u>Tylencholaimellus</u> N. A. Cobb in M. V. Cobb, 1915 (Dorylaimoidea:Leptochidae) from Marathwada, India. Rivista Di Parassitologia XXXI (3):179-182.
- Ali, S. Mehdi and Prabha M. Joshi. 1971. <u>Tylenchorhynchus brassicae</u> Siddiqi, 1961 and <u>Tylenchorhynchus elegans</u> Siddiqi, 1961, from new hosts in Maharashtra India. Marath. Univ. J. 10(3):209-212.
- Ali, Syed Mehdi, M. V. Suryawanshi, and Zakiuddin Chisty. 1971.

  Odontolaimus indicus n. sp. (Nematoda:Cyatholaimidae) from Marathwada,

  India. Marath. Univ. J. 10(3):46-47.

Prismatolaimus indicus sp. n. and Onchulus longicauda (Daday, 1899)
Andrassy 1964 (Nematoda:Onchulidae) From Marathwada, India. Indian J.
Nematol. 2(1):7-10.

- Ali, S. Sharafat, E. Geraert, and A. Coomans. 1973. Some spiral nematodes from Africa. Biol. Jb. Dodonaea 41:53-70.
- Ali, S. Mehdi, M. V. Suryawanshi, and K. Zakiuddin Chisty. 1973. Two new species of <u>Drilocephalobus</u> Coomans & Goodey, 1965 (Nematoda: Drilocephalobidae n. fam.) from Marathwada, India, with a revised classification of the superfamily Cephalobidae (Paramonov, 1956) Paramonov, 1962. Nematologica 19(3):308-317.
- Ali, S. Mehdi, M. V. Suryawanshi, and M. J. Prabha. 1973. Studies on the genus <u>Discolaimium</u> Thorne, 1939 (Nematoda:Dorylaimoidea), with descriptions of two new species and a discussion on the validity of Discolaimoides Heyns, 1963. Nematologica 19(2):195-204.
- Allen, M. W. and E. M. Noffsinger. 1972. A review of the genus Zeldia Thorne 1937 (Nematoda: Cephalobidae) with descriptions of seven new species. Proc. Helm. Soc. Wash. 39(2):206-223.
- Altherr, Edmond. 1971. Les nematodes des sables filtrants. Bull. Soc. Vaud. Sc. Nat. 71(336):89-98.
- 1972. Contribution a la connasissance des nematodes rithrostygopsammiques et rithrostygopesphiques de Suede. Revue Suisse De Zoologie 79(2)28:881-902.
- Ambrogioni, Laura. 1970-1971. Osservazioni morfologiche e biologiche su <u>Heterodera carotae</u> Jones 1950. Estratto da Redia. 241-258.
- Anderson, R. V. 1973. Morphology and description of <u>Helicotylenchus</u> crassatus n. sp. (Nematoda: Hoplolaimidae) from eastern Canada. Canadian J. of Zoology 51(11):1195-1200.

- Andrassy, I. 1971. Nematoden aus dem psammon des oglio-flusses. Mem. Mus. Civ. St. Nat. Verona XIX:191-202.
- in nematoden. Allattani Kozlemenyek 58:156-159.
- 1971. Freilebende nematoden aus Angola, II. Uber zwei Drepanodorylaimus-Arten. Das Publicacoes Culturais Da Companhia De Diamantes De Angola 84:47-54.
- 1971. Überprufung einiger von Micoletzky beschriebener nematodenarten an hand der typenpraparate. I. Mitt. Zool. Mus. Berlin 47(2):241-254.
- 1971. Die nematodengattung Rhyssocolpus gen. n. und ihre arten. Zool. Anz., Leipzig 187(3/4):248-256.
- 1971. Zwei neue arten der familie Bunonematidae (Nematoda). Zool. Anz., Leipzig 187(3/4):257-265.
- 1973. Uber vier homonyme nematodengattungen. Nematologica 19(3):403-404.
- Argo, Anne-Dorothee and Esther van den Berg. 1971. Three new species of the genus <u>Kochinema</u> (Nematoda:Dorylaimoidea) from South Africa. Phytophylactica 3(1):45-50.
- Argo, Anne-Dorothee and Juan Heyns. 1972. Four new species of the genus <u>Ironus</u> Bastian, 1865 (Nematoda:Ironidae) from South Africa. Phytophylactica 4:59-66.
- Baldwin, J. G. and Hedwig Hirschmann. 1972. Fine structure of the amphids of <u>Meloidogyne incognita</u> males. (Abstract). J. Nematol. 4(4):219-220.
- sense organs in Meloidogyne incognita males. J. Nematol. 5(4):285-302.
- Baqri, Qaiser H. and M. Shamim Jairajpuri. 1970. On the intra-specific variations of <u>Tylenchorhynchus mashhoodi</u> Siddiqi and Basir, 1959 and an emended key to species of <u>Tylenchorhynchus</u> Cobb, 1913 (Nematoda). Rev. Brasil. Biol. 30(1):61-68.
- Baqri, Q. H. and A. Coomans. 1973. A taxonomic revision of the nematode species described by S. Stekhoven and Teunissen (1938) and S. Stekhoven (1944) from National Virunga Park (Zaire Republic) I. Dorylaimidae, Aporcelaimidae and Longidoridae. Foundation Pour Favoriser Les Recherches Scientifiques en Afrique 1:3-57.

Baqri, Samer Z. and Shamim Jairajpuri. 1973. Studies on Mononchida. V. The mononchs of El Salvador with descriptions of two new genera, Actus and Paracrassibucca. Nematologica 19(3):326-333.

Behrens, Edda. 1971. Taxonomisch verwertbare merkmale zur differenzierung von <u>Heterodera</u>-arten. Probleme Der Phytonematologie. 122-142.

an Solanum tuberosum. "Probleme der Phytonematologie" Groß Lüsewitz. 76-85.

1973. Untersuchungen zur morphologie der rasse B von Heterodera rostochiensis. Akademie Der Landwirtschaftswissenschaften Der Deutschen Deomkratischen Republik. 121-128.

Bello, A. 1971. El genero <u>Tylenchus</u> (Nematoda, Tylenchina). Bol. R. Soc. Espanola Hist. Nat. (Biol.) 69:279-301.

Bello, A. and E. Geraert. 1972. Redescription of eight species belonging to the superfamily Tylenchoidea (Nematoda:Tylenchida). Nematologica 18(2):190-200.

van den Berg, Esther and J. Heyns. 1970. South African Hoplolaiminae. I. The genus <u>Hoplolaimus</u> Daday, 1905. Phytophylactica 2:221-226.

van den Berg, Esther. 1971. The root-lesion nematodes of South Africa (genus <u>Pratylenchus</u>, family Hoplolaimidae). Dept of Agricultural Technical Services, Pretoria 99:1-13.

Berge, J. et A. Cuany. 1973. L'embryogenese de <u>Meloidogyne arenaria</u> (Neal, 1889) Chitwood, 1949. OEPP/EPPO Bull. 9:73-83.

Berge, Jean-Baptiste, Antoine Dalmasso, et Maurcie Ritter. 1973. Nouvelles donnees phylogeniques sur les Tylenchoidea (Nematoda). C. R. Acad. Sc. Paris, t. 276. 3307-3309.

Bhatti, D. S., Hedwig Hirschmann, and J. N. Sasser. 1972. Post-infection development of <u>Heterodera lespedezae</u>. J. Nematol. 4(2): 104-112.

Bird. Alan F. 1969. Changes associated with parasitism in nematodes. V. Ultrastructure of the stylet exudation and dorsal esophageal gland contents of female Meloidogyne javanica. The Journal of Parasitology 55(2):337-345.

1970. The fine structure of glands of the digestive tract in plant- parasitic nematodes. The Journal of Parasitology 56(4):30.

- Bird, Alan F. and A. Soeffky. 1972. Changes in the ultrastructure of the gelatinous matrix of <u>Meloidogyne</u> javanica during dehydration. J. Nematol. 4(3):166-169.
- Bouwman, L. A. and H. Ross. 1972. Differentiation between <u>Heterodera</u> rostochiensis and an underscribed allied species by female colour, morphometrics and pathogenicity. Nematologica 18(2):265-269.
- Brown, G., R. K. Callow, C. D. Green, F. G. W. Jones, J. H. Rayner, Audrey M. Shepherd, and T. D. Williams. 1971. The structure, composition and origin of the subcrystalline layer in some species of the genus <u>Heterodera</u>. Nematologica 17(4):591-599.
- Brun, J. 1972. Chromosomal factors in the genetic adaptation of Caenorhabditis elegans to high temperatures. (Abstract). XIth International Symposium of Nematology, Reading. p. 4.
- Burr, A. H. and J. M. Webster. 1971. Morphology of the eyespot and description of two pigment granules in the esophageal muscle of a marine nematode, Oncolaimus vesicarius. J. Ultrastructure Research 36:621-632.
- Byers, J. R. and R. V. Anderson. 1972. Ultrastructural morphology of the body wall, stoma, and stomatostyle of the nematode, Tylenchorhynchus dubius (Butschli, 1873) Filipjev, 1963. Canadian Journal of Zoology 50(4):457-465.
- of the intestine in a plant-parasitic nematode, Tylenchorhynchus dubius. J. Nematol. 5(1):28-37.
- Calaway, W. T. and A. C. Tarjan. 1972. An analysis of the genus Mononchoides Rahm, 1928 (Diplogastrinae: Nematoda). (Abstract). XIth International Symposium of Nematology, Reading. 6-7.
- Mononchoides Rahm, 1928 (Diplogastrinae: Nematoda). J. Nematol. 5 (2):107-116.
- Chen, Tseh An and Guang-Yeong Wen. 1972. Ultrastructure of the feeding apparatus of <u>Pratylenchus penetrans</u>. J. Nematol. 4(3):155-161.
- Choi, Y. E. and E. Geraert. 1972. Some remarkable Tylenchida from Korea. Nematologica 18(1):66-73.
- n. g., n. sp. (Nematoda: Meloidogyidae) from Korea. Nematologica 19(3):334-341.

- Choi, Y. E. and P. A. A. Loof. 1973. Redescription of Anguina moxae Yokoo and Choi, 1968 (Tylenchina). Nematologica 19(3):285-292.
- Chunram, Charas. 1972. A list of plant parasitic nematodes in Thailand. Plant Protection Service Technical Bulletin 1:1-44.
- Clark, Sybil A., Audrey M. Shepherd, and Annelise Kempton. 1973. Spicule structure in some Heterodera spp. Nematologica 19(2):242-247.
- Cohn, E. and S. A. Sher. 1972. A contribution to the taxonomy of the genus Xiphinema Cobb, 1913. J. Nematol. 4(1):36-65.
- Colbran, R. C. 1970. Studies of plant and soil nematodes. 15. Eleven new species of <u>Radopholus</u> Thorne and a new species of <u>Radopholoides</u> de Guiran (Nematoda: Tylenchoidea) from Australia. Queensland Journal of Agricultural and Animal Sciences 27(570):437-460.
- Coomans, A. 1971. Morphology and nematode systematics. J. Parasito-logy Sect. II, Part 2 of 2 parts 57(4):95-99.
- Coomans, A. and Q. Baqri. 1972. African species of the genus <u>Belondira</u> Thorne, 1939. Proc. Helm. Soc. Wash. 39(1):118-128.
- Corbett, D. C. M. and Sybil A. Clark. 1973. Surface features of the head of <u>Pratylenchus</u> spp. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota, p. 0393.
- Croll, N. A. and J. M. Smith. 1972. A nematode photoreceptor. (Abstract XIth International Symposium of Nematology, Reading. 14-15.
- Dalmasso, A., J. Macaron, and J. B. Berge. 1972. Modalites de la reproduction chex <u>Tylenchulus semipenetrans</u> et chex <u>Cacopaurus pestis</u> (Nematoda-Criconematoidea). Nematologica 18(4):423-431.
- Dalmasso, Antoine and Jean-Claude Cayrol. 1973. Discordances caryotypiques enter deux nematodes hybridables: Aphelenchoides fragariae et A. ritzemabosi. C. R. Acad. Sc. Paris t. 276. 3171-3173.
- Dasgupta, D. R., D. J. Raski and S. A. Sher. 1968. A revision of the genus Rotylenchulus Linford and Oliveria, 1940 (Nematoda:Tylenchidae). Proc. Helm. Soc. Wash. 35(2):169-192.
- Dion, M. and J. L. Brun. 1971. Cartographie genique du nematode libre Caenorhabditis elegans, Maupas 1900, variete Bergerac.I. Etude de deux mutants nains. Molec. Gen. Genetics 112:133-151.

- Edward, J. C., S. L. Misra, E. Peter, and B. B. Rai. 1971. A new species of <u>Criconema</u> associated with pomegranate (<u>Punica granatum</u> L.) Indian J. Nematol. 1(1):59-62.
- Eguiguren. G. R. 1973. Principal genera of plant parasitic nematodes in Imbabura, Ecuador. (Abstract). Nematropica 3(1):2.
- Elmiligy, I. and E. Geraert. 1971. Occurrence of some plant-parasitic nematodes belonging to Tylenchida (Nematoda) in Egypt and Congo-Kinshasa. Biologisch Jaarboek 39:150-156.
- 1971. Laimaphelenchus deconincki, n. sp. (Nematoda:Tylenchida). Biologisch Jaarboek 30:145-149.
- Eroshenko, A. S. and I. P. Kazachenko. 1972. <u>Heterodera artemisiae</u> n. sp. (Nematoda: Heteroderidae), a new species of cyst-forming nematode from the Primorsk territory. Parazitologiya 6(2):166-170.
- Erzhanova, P. K. 1964. Nine new nematode species. Nukus. Karakalpakskii Gosardarstyennyi Pedagogicheskii Institut Trudy 2:175-185.
- Fedorko, Alina and Stanislaw Stanuszek. 1971. <u>Pristionchus uniformis</u> sp. n. (Nematoda, Rhabditida, Diplogasteridae), a facultative parasite of <u>Leptinotarsa decemlineata</u> Say and <u>Melolontha melolontha</u> L. in Poland Parasitologica XIX(7):95-112.
- Ferris, Virginia R. and John M. Ferris. 1973. <u>Lindseyus costatus</u> gen. n., sp. n., and notes on the Roqueidae and Swangeriidae (Nematoda: Dorylaimida). Proc. Helm. Soc. Wash. 40(1):43-46.
- Fotedar, D. N. and R. Mahajan. 1973. On the synonymy of <u>Basiroides</u> Thorne and Malek, 1968 with Basiria Siddiqi, 1959 (Nematoda:Tylenchidae), with a note on <u>Neopsilenchus</u> Thorne and Malek, 1968. Proc. Helm. Soc. Wash. 40(2):280-282.
- Gadea, E. 1972. Some aspects on phylogeny of nematoda. (Abstract). XIth International Symposium of Nematology Reading, p. 23.
- Gaur, H. S. and S. K. Prasad. 1972. <u>Helicotylenchus teres</u> nomen novum for H. thornei Gupta and Chhabra, 1967. Indian J. Nematol. 2(1):93-94.
- Geraert, E. 1973. The classification of the higher taxa in the plant parasitic Tylenchida (Nematoda) based on the structure of the female gonad. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota, p. 0394.
- 1972. A comparative study of the structure of the female gonads in plant-parasitic Tylenchida (Nematoda). Annales de la Societe Royale Zoologique de Belgique 102(3):171-198.

- Geraert, E. 1972. The female gonads in the Tylenchida. (Abstract). XIth International Symposium of Nematology Reading, p. 24.
- Golden, A. Morgan and Wray Birchfield. 1972. <u>Heterodera graminophila</u> n. sp. (Nematoda: Heteroderidae) from grass with a key to closely related species. J. Nematol. 4(2):147-154.
- Golden, A. Morgan and Donna M. S. Ellington. 1972. Redescription of Heterodera rostochiensis (Nematoda: Heteroderidae) with a key and notes on closely related species. Proc. Helm. Soc. Wash. 39(1):64-78.
- Golden, A. Morgan and Olga Klindic. 1973. <u>Heterodera achilleae</u> n. sp. (Nematoda: Heteroderidae) from yarrow in Yugoslavia. J. Nematol. 5 (3):196-201.
- Golden, A. Morgan and O. J. Dickerson. 1973. <u>Heterodera longicolla</u>, n. sp. (Nematoda: Heteroderidae) from buffalo-grass (<u>Buchloe dactyloides</u>) in Kansas. J. Nematol. 5(2):150-154.
- Goseco, C. G. and V. R. Ferris. 1973. Intersexes of <u>Leptonchus</u> obtusus Thorne. J. Nematol. 5(3):226-228.
- Green, C. D. 1972. The cement secretions from <u>Heterodera</u> females. (Abstract). XIth International Symposium of Nematology, Reading. 24-25.
- de Grisse, A. and P. A. A. Loof. 1970. Intraspecific variation in some Criconematidae (Nematoda). Overdruk Uit: Mededelingen Fakulteit Landbouw. Wetenschappen Gent. XXXV(1):41-63.
- de Grisse, A. T. 1972. Electromikroskopische waarnemingen aangaande de structuur van de stekelschede in tylenchiden. Mededlingen Fakulteit Landbouw. Wetenschappen Gent. 37(1):323-327.
- 1972. Body wall ultrastructure of Macroposthonia xenoplax (Nematoda). Nematologica 18(1):25-30.
- Groza-Rojancovski, Elena. 1973. Contributions to the study of free living nematodes from the black sea. Travaux du Museum d'Histoire Naturelle XIII:3-25.
- Gunther, B. 1971. Die entwicklung der mannlichen und weiblichen geschlechtsorgane bei <u>Heterodera schachtii</u> Schmidt. Probleme Der Phytonematologie. 104-121.
- 1972. Untersuchungen zum kutikula-aufbau und zum hautungsverlauf bei einigen nematoden-arten. Nematologica 18(2):275-287.

Haspeslagh, Gisele. 1972. Morphological evolution in a group of marine nematodes (Ceramonematoidea). (Abstract). XIth International Symposium of Nematology, Reading. 27-28.

Hechler, Helen Carol. 1972. A brief report on the chromosome number of Neodiplogaster pinicola and Panagrellus redivivoides (Nematoda: Rhabditida). J. Nematol. 4(4):243-245.

Hesling, J. J. 1973. The estimation of Granek's ratio in round-cyst Heteroderas. Nematologica 19(1):119-120.

Heyns, Juan. 1969. South African species of the genus Acrobeles Von Linstow (Nematoda: Cephalobidae). Phytophylactica 1:57-66.

1970. South African Criconematinae, Part 3. More species of <u>Hemicriconemoides</u> and <u>Macroposthonia</u> (Nematoda). Phytophylactica 2:243-250.

Province (Nematoda:Longidoridae). Phytophylactica 3:107-114.

1972. Observations on South African <u>Paralongidorus</u> species (Nematoda:Longidoridae) with description of two new species. Phytophylactica 4:127-132.

1973. Comparison of some morphometric characters of four south african <u>Xiphinema</u> species. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota, p. 0133.

Hirschmann, Hedwig and A. C. Triantaphyllou. 1973. Postembryogenesis of Meloidodera floridensis with emphasis on the development of the male. J. Nematol. 5(3):185-195.

Hirumi, Hiroyuki. 1970. Fine structure of the feeding apparatus and digestive tract of <u>Trichodorus christiei</u>. (Abstract). The Journal of Parasitology 56(4):147.

Hirumi, Hiroyuki, Raski, Dewey, and Norman O. Jones. 1970. Fine structure of sensory cilia in two plant-parasitic nematodes, <u>Trichodorus christiei</u> and <u>Longidorus elongatus</u>. (Abstract). The Journal of Parasitology 56(4):148.

studies on the fine structure of platymyarian and shallow coelomyarian muscles in nematodes. (Abstract). The Journal of Parasitology 56(4): 148-149.

Hoffmann, John Kerby. 1973. <u>Criconema proclivis</u> n. sp. (Nematoda: Criconematinae) from woodlands. J. Nematol. 5(2):155-157.

- Hooper, D. J. 1972. Two new species of <u>Trichodorus</u> (Nematoda: Dorylaimida) from England. Nematologica 18(1):59-65.
- Hopper, Bruce E. 1973. Free-living marine nematodes from Biscayne Bay, Florida. VI. Ceramonematidae: systematics of <u>Pselionema annulatum</u> var. <u>beauforti</u> Chitwood, 1936, and a note on the production and transport of an egg capsule. Proc. Helm. Soc. Wash. 40(2):265-272.
- Hopper, Bruce E. and Rose C. Cefalu. 1973. Free-living marine nematodes from Biscayne Bay, Florida. VII. Enoplidae: Enoplus species in Biscayne Bay with observations on the culture and bionomics of  $\underline{E}$ . paralittoralis Wieser, 1953. Proc. Helm. Soc. Wash.  $40(2):275-\overline{280}$ .
- Ivanova, T. S. 1971. Plant parasitic nematodes. Publ. House "Irfon" Dushanbe, p. 3-27.
- Izatulleava, R. I. 1969. Two new species of <u>Neotylenchus</u> (Steiner, 1931). Izv. Akad, Nauk Kazakh, SSR, Ser. Biol. Nauk 7(6):41-45.
- Jairajpuri, M. Shamim. 1971. On the synonymy of <u>Telotylenchus</u> Siddiqi, 1960 with <u>Trichotylenchus</u> Whitehead, 1959 (Nematoda:Tylenchida). Indian J. Nematol. 1(1):3-6.
- Jairajpuri, M. Shamim, Shakil Ahmad, and Qaiser H. Baqri. 1972. The status of <u>Axonchium caudatum</u> Williams, 1958 with some observations on the juveniles of <u>Axonchium amplicolle</u> Cobb, 1920. Indian J. Nematol. 2(1):21-24.
- Jairajpuri, M. Shamim and Qaiser H. Baqri. 1973. Nematodes of high altitudes in India I. Four new species of Tylenchida. Nematologica 19(1):19-30.
- Jairajpuri, M. Shamim, Qaiser H. Baqri, and Shakil Ahmad. 1973. Nematodes of high altitudes in India. II. Studies of the genus Tridontus Khera, 1965 with notes of the synonymy of the genus Suryawanshi, 1971 (Diplogasteridae). Nematologica 19(1): 69-74.
- Jairajpuri, M. Shamim, P. A. A. Loof, and M. Rafiq Siddiqi. 1973. On the identity of <u>Tylencholaimus leptonchoides</u> Loof, 1964 and <u>T. macrurus</u> Siddiqi, 1964 (Leptonchidae). Nematologica 19(1):120-121.
- Johnson, P. W. 1970. Cuticle structure and molting patterns of Hemicycliophora arenaria. (Abstract). The Journal of Parasitology 56(4):174-175.
- Kampfe, L. 1973. Zu einigen Entwicklungstrends in der phytonematologie. Akademie Der Landwirtschaftswissenschaften Der Deutschen Demokratischen Republik. 5-26.

- Kermarrec, A. and J. F. Manier. 1971. Sur un thallophyte parasite intestinal de <u>Neodiplogaster rübmi</u> Laumond, 1970 et de <u>Neodiplogaster</u> n. sp. (Nematoda-Rhabditida). Annales Parasitologie XLVI(6):749-756.
- Khan, E., V. K. Mathur, Siya Nand, and S. K. Prasad. 1968. Two new nematode species in the family Neotylenchidae from India. Labdev J. Sci. Tech. 6-b(3):186-189.
- Khan, E. and C. K. Nanjappa. 1971. <u>Trophurus similis</u> sp. n. and <u>Trichotylenchus astriatus</u> sp. n. (Nematoda: Tylenchoidea) from Mysore, India. Indian J. Nematol. 1(1):75-79.
- Khan, E., A. R. Seshadri, B. Weischer, and K. Mathen. 1971. Five new nematode species associated with coconut in Kerala, India. Indian J. Nematol. 1(2):116-127.
- Khan, E. and C. K. Nanjappa. 1972. <u>Chronogaster citri</u> sp. n. (Neratoda: Plectidae) and additional information on <u>C. typica</u> (De Man, 1921) from India. Indian J. Nematol. 2(1):69-71.
- (Nematoda) from India. Indian J. Nematol. 2(1):59-68.
- Khan, E., M. Saha and A. R. Seshadri. 1972. Plant parasitic nematodes from Kumaon Hills, India I. Two new species of <u>Paralongidorus</u> (Nematoda Longidoridae). Nematologica 18(1):38-43.
- Khan, Hanif Ahmad. 1971. <u>Criconemoides kamaliei</u> n. sp. (Criconematidae Nematoda) from Sind region. <u>Pakistan J. Sci. Ind. Res. 14(6):513-517</u>.
- Khan, Shahid H. 1964. Sakia typica n. g., n. sp. (Nematoda: Neotylenchidae) from North India. (Abstract). Proc. 51st and 52nd Indian Sci. Congr. III:467.
- Kheiri, A. 1972. <u>Tylenchus (Irantylenchus) clavidorus</u> n. sp. and <u>Merlinius camelliae</u> n. sp. (Tylenchidia: Nematoda) from Iran. Nematologica 18(3): 339-346.
- Khera, S. 1971. Nematodes from the banks of still and running waters XI. Subfamily Rhabditinae. Indian J. Nematol. 1(2):237-243.
- Kirjanova, E. S. 1962. <u>Heterodera oxiana</u> n. sp. (Nematodes: Heteroderidae) from Kara-Kalpakia. Proc. Fifth All-Union Symposium of Phytonematologists. Publ. Univ. Samarkand, Uzbekstan SSR, 122-131.
- Kirjanova, E. S. and T. S. Ivanova. 1969. A new species of <u>Parangul</u> Kirjanova, 1955 (Nematoda:Tylenchidae) in Tadzhikistan. Ushchel's Kondara (Akad. Nauk. Tadz. SRR) 2:200-217.

- Kisiel, M., S. Himmelhoch, and B. M. Zuckerman. 1972. Fine structure of the body wall and vulva area of <u>Pratylenchus penetrans</u>. Nematologica 18(2):234-238.
- Kleynhans, K. P. N. 1970. New records and species of Dorylaimoidea (Nematoda) from South Africa. Phytophylactica 2:251-262.
- Knobloch, Natalie. 1971. Emendation of the description of Tylenchorhynchus ongus Wu, 1969. Nematologica 17(4):602-603.
- Knobloch, N. A. and C. W. Laughlin. 1973. A collection of plant-parasitic nematodes (Nematoda) from Mexico with descriptions of three new species. Nematologica 19(2):205-217.
- Krall, E. 1957. Einige Interessante funde von erdnematoden in der Estinischen SSR. Institut für Zoologie und Botonik der Akademie der Wissenschaften der Estnischen SSR. VI:266-271.
- 1965. Plant parasitic nematodes. Eesti Nsv Pollumajanduse Ministeeriumi Vabariiklik Taimekaitsejaam. 7:3-14.
- Krall, E. and H. Krall. 1968. Nematoodi <u>Paranguina agropyri</u> Kirjanova, 1955 arengutsuklitest. Institut für Zoologie und Botanik der Akademie der Wissenschaften der Estnischen SSR. 159-162.
- Kreis, Hans A. 1936. Susswasser-nematoden aus der umgebung von Madras (Indien). Revue Suisse De Zoologie 43(30):641-645.
- Krnjaic, D. and P. A. A. Loof. 1973. Description of Nothocriconema psammophilum n. sp. (Nematoda:Criconematoidea) with some data on its ecology. Overdruk Uit: Mededelingen Fakulteit Landbouw. Wetenschappen Gent 38(1):73-76.
- Lee, D. L. 1968. The ultrastructure of the alimentary tract of the skin-penetrating larva of <u>Nippostrongylus brasiliensis</u> (Nematoda). J. Zool., Lond. 154:9-18.
- Lee, D. L. and A. O. Anya. 1968. Studies on the movement, the cytology and the associated micro-organisms of the intestine of <u>Aspiculuris</u> tetraptera (Nematoda). J. Zool., Lond. 156:9-14.
- Lee, D. L. 1969. <u>Nippostrongylus brasiliensis</u>: Some aspects of the fine structure and biology of the infective larva and the adult. Symposia of the British Society for Parasitology 7:3-16.
- 1970. The fine structure of the excretory system in adult Nippostrongylus brasiliensis (Nematoda) and a suggested function for the excretory glands. Tissue and Cell 2(2):225-231.

- Lee, D. L. 1970. Moulting in <u>Nippostrongylus brasiliensis</u>: the final moult. (Abstract). The Jounnal of Parasitology 56(4):202-203.
- 1973. Evidence for a sensory function for the copulatory spicules of nematodes. J. Zool., Lond 169:281-284.
- Lippens, P. L., A. Coomans, A. T. de Grisse and A. Lagasse. 1972. Ultrastructure of the anterior body region of <u>Aporcelaimellus</u>. (Abstract). XIth International Symposium of Nematology, Reading. p. 42.
- Lippens, P. L. and A. T. de Grisse. 1972. Electron microscope observation of the anatomy of the nervous system of the anterior body region in Macroposthonia rustica and M. xenoplax. (Abstract). XIth International Symposium of Nematology, Reading. 42-43.
- observation of the anatomy of the nervous system of the anterior body region in Macroposthonia rustica and M. xenoplax. Biol. Jb. Dodonaea 41:147-152.
- Loof, P. A. A. and A. de Grisse. 1965. Re-establishment of the genus Criconemoides Taylor, 1936 (Nematoda:Criconematidae). Meded. Landb. Hogesch. Gent. 466-475.
- Loof, Pieter Aart Albertus. 1970. Die taxonomie der nematoden als hilfswissenschaft des pflanzenschutzes. Nachrichtenblatt Fur Den Deutschen Pflanzenschutzdienst. 9:177-180.
- 1972. On the genus Nygolaimum (Thorne, 1930) Heyns, 1968. Nematologica 18(4):580-584.
- Loof, P. A. A. and A. Coomans. 1972. The oesophageal gland nuclei of Longidoridae (Dorylaimida). Nematologica 18(2):213-233.
- Loof, P. A. A. and P. W. Th. Maas. 1972. The genus <u>Xiphinema</u> (Dorylaimida) in Surinam. Nematologica 18(1):92-119.
- Loof, P. A. A. 1973. Taxonomy of the <u>Trichodorus-aequalis</u> complex (Diphtherophorina). Nematologica 19(1):49-61.
- 1973. Tobriloides choii n. gen. n. sp. (Tripylidae' Nematologica 19(1):75-79.
- Lordello, Luiz Gonzage E. 1970. Pesquisas sobre nematoides da fami Monochidae encontrados no Brasil. Anais da E. S. A. "Luiz de Queiro XXVII:15-48.

- Luc, M. and A. Dalmasso. 1971. <u>Dolichodorus cassati</u> n. sp. (Nematoda: Tylenchida). Ann. Zool. Ecol. anim. 3(1):97-101.
- Maas, P. W. Th., P. A. A. Loof, and A. de Grisse. 1971.

  Nothocriconemoides lineolatus (n. gen., n. sp. Nematoda:Criconematidae).

  Overdruk Uit Mededelingen Fakulteit Landbouw. Wetenschappen Gent
  36(2):711-715.
- Macara, Antonio Mendes. 1970. <u>Xiphinema amarantum</u> sp. nov. (Nematoda: Dorylaimidae). Rev. Iber Parasitol. 30(4):649-658.
- Macaron, J. and M. Ritter. 1973. Study of the quiescence phenomenon during the second larval stage of the citrus nematode, <u>Tylenchulus</u> semipenetrans Cobb, 1913. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minesota, p. 0552.
- Mamiya, Yasuharu, and Tomoya Kiyohara. 1972. Description of Bursaphelenchus lignicolus n. sp. (Nematoda: Aphelenchoididae) from pine wood and histopathology of nematode-infested trees. Nematologica 18(1):120-124.
- Mathews, Hugh J. P. 1971. Two new species of cyst nematode, <u>Heterodera mani</u> n. sp. and <u>H. iri</u> n. sp., from Northern Ireland. Nematologica 17(4):553-565.
- Mathur, V. K. and S. K. Prasad. 1971. Occurrence and distribution of Hirschmanniella oryzae in the Indian union with description of H. mangaloriensis sp. n. Indian J. Nematol. 1(2):220-226.
- Mehdi, S. Ali, M. V. Suryawanshi and Masood Ahmed. 1973. <u>Oostenbrinkia</u> oostenbrinki n. gen. n. sp. (Nematoda:Aulolaimoididae) from Marathwada, India. Nematologica 19(2):190-194.
- Metha, U. K. and D. J. Raski. 1971. Revision of the genus <u>Criconema</u> Höfmanner and Menzel, 1914 and other related genera (Criconematidae: Nematoda). Indian J. Nematol. 1(2):145-198.
- Miller, L. I. and Betty J. Gray. 1972. <u>Heterodera solanacearum</u> n. sp., a parasite of solanaceous plants. Nematologica 18(3):404-413.
- Mulk, M. Muddassirual and M. Shamim Jairajpuri. 1972. A redescription of <u>Tylenchorhynchus phaseoli</u> Sethi and Swarup, 1968. Indian J. Nematol. 2(1):54-58.
- Mulvey, R. H. 1972. Identification of <u>Heterodera</u> cysts by terminal and cone top structures. Canadian Journal of Zoology 50(10):1277-1292.

Mulvey, R. H. 1973. Morphology of the terminal areas of white females and cysts of the genus <u>Heterodera</u> (s. g. <u>Globodera</u>). J. Nematol. 5(4):

Mononchoidea) from Sable Island, Canada. Canadian J. of Zoology 51(2):237-242.

Nair, Pankajam and A. Coomans. 1972. The genus Axonchium (Nematoda: Belondiridae) I. Morphology, juvenile stages, diagnosis and list of species. Nematologica 18(4):494-513.

Nair, Pankajam. 1972. The genus Axonchium (Nematoda: Belondiridae). II. Typical species. Nematologica 18(4):514-554.

Nair, Pankajam. 1973. The genus <u>Axonochium</u> (Nematoda: Belondiridae) III. Species with vaginal sclerotization (part 1). Nematologica 19(2): 169-189.

Nakasono, K. and M. Ichinohe. 1967. On the reniform nematode Rotylenchulus nicotiana (Yokoo & Tanaka 1954) n. comb. (Tylenchida: Hoplolaimidae). Jap. J. Appl. Ent. Zool. 11(4):169-176.

Narang, H. K. 1972. The escretory system of nematodes: structure and ultrastructure of the excretory system of <u>Panagrellus redivivus</u>, <u>Ditylenchus myceliophagus</u> with some observations on <u>D. dipsaci</u> and <u>Heterodera rostochiensis</u>. Parasitology 64(2):253-268.

Nelson, H., B. Hopper and J. M. Webster. 1972. <u>Enoplus anisospiculus</u>, a new species of marine nematode from the Canadian Pacific coast. Can. J. Zool. 50(12):1681-1684.

Nicholas, W. L. 1972. The fine structure of the cuticle of Heterotylenchus. Nematologica 18(1):138-140.

Nickle, W. R. 1972. A contribution to our knowledge of the Mermithid (Nematoda). J. Nematol. 4(2):113-146.

1973. Identification of insect parasitic nematodes--A review. Experimental Parasitology 33:303-317.

Paramonov, A. A. 1970. Plant-parasitic nematodes. Systematics of nematodes - superfamily Tylenchoidea. Akademii Nauk SSSR III:199 pag

Pasternak, J. and M. R. Samoiloff. 1972. Cytoplasmic organelles present during spermatogenesis in the free-living nematode <u>Panagrellusilusiae</u>. Canadian Journal of Zoology 50(2):147-151.

- Phillips, Susan P. 1971. Studies of plant and soil nematodes. 16. Eight new species of spiral nematodes (Nematoda: Tylenchoidea) from Queensland. Queensland Journal of Agricultural and Animal Sciences 28(593):227-242.
- Phipps, P. M., R. J. Stipes, and L. I. Miller. 1972. A race of Meloidogyne incognita from Albizzia julibrissin parasitizes Nicotiana tabacum 'NC95'. (Abstract). J. Nematol. 4(4):232.
- Pholcharoen, Supit, Ahnon Boonduang, and A. L. Taylor. 1972. Identification of plant-parasitic nematodes of Thailand. I -Criconematidae. Plant Protection Service Technical Bulletin 2:1-8.
- Pogosyan, E. E. 1971. <u>Hypsoperine megriensis</u> n. sp. (Nematoda: Heteroderidae) in the Armenian SSR. Doklady Akademii Nauk Armyanskoi SSR 53(5):306-312.
- da Ponte, J. J. 1973. A new nematode of the genus <u>Meloidogyne</u> Goeldi, 1887 (preliminary note). (Abstract). Nematropica 3(1):6-7.
- Prabha, M. J. 1973. Two species of <u>Longidorus</u> from Marathwada region. Nematologica 19(1):62-68.
- Raski, D. J. 1973. <u>Paratylenchoides</u> gen. n. and two new species (Nematoda:Paratylenchidae). Proc. Helm. Soc. Wash. 40(2):230-233.
- Raski, D. J. and N. O. Jones. 1973. Ultrastructure of the cuticle of Bunonema spp. (Nematoda:Bunonematidae). Proc. Helm. Soc. Wash. 40 (2):216-227.
- Riding, Irene L. 1970. Microvilli on the outside of a nematode. (Resumes of contributions). The Journal of Parasitology Sect. II, Part 2 56(4):463.
- Riemann, Franz. 1970. Freeliving nematodes from the marine-limnetic borders in Columbia, South America. Veröff. Inst. Meeresforsch. Bremerh. 12:365-412.
- 1970. Interstices of crustacean gills habitat of the meiofauna, with descriptions of freeliving nemaodes from Caribbean amphibic Decapoda. Veröff Inst. Meeresforsch. Bremerh. 12:413-428.
- 1972. Corpus gelatum und ciliäre strukturen als lichtmikroskopisch sichtbare bauelemente des seitenorgans freilehender nematoden. Z. Morph. Tiere 72:46-76.
- Riemann, F. and E. Rachor. 1972. Freilebende nematoden aus Israel Journal of Zoology 21(3-4):167-187.

Riemann, Franz, Eike Rachor, and Ingo Freudenhammer. 1970. The amphid of Halaaimus. On the morphology of a supposed sensory organ of free-living nematodes. Veröff. Inst. Meeresforsch. Bremerh. 12:429-441.

Ritter, M. 1971. Les nematodes et l'agriculture. A.C.T.A. - F.N.G.P.C. -Paris 3, 4, 5,, p. 8-64.

Roco, Mauricio Jimenez. 1972. Contribucion al conocimiento de los nematodos del Departmento de Arica. (Segunda parte). IDESIA Depto. Agricultura, Universidad Del Norte-Arica. 2:53-58.

Roggen, D. R. 1973. Functional morphology of the nematode pharynx. I. Theory of the soft-walled cylindrical pharynx. Nematologica 19(3):349-365.

Rössner, J. 1972. Comparative investigations of nematodes with normal turgor pressure and of desiccated specimens, with the aid of the scanning electron microscope. (Abstract). XIth International Symposium of Nematology, Reading. p. 58.

Sabrosky, Curtis W. 1972. Clarification of article 1 on "names proposed for other than taxonomic use". Bull Zool. Nomencl. 29(3):131-134.

Saigusa, Toshiro and Yukio Ando. 1973. Some noteworthy findings on th detection by sieving of the golden nematode. Research Bulletin of the Plant Protection Service 11:48-52.

Saltukoglu, M. Emel. 1973. <u>Merlinius viciae</u> n. sp. (Tylenchida: Nematoda) from Turkey and redescription of <u>Merlinius camelliae</u> Kheiri, 1972. Biol. Jb. Dodonaea 41:188-193.

Samoiloff, M. R. 1973. Nematode morphogenesis: Pattern of transfer of protein to the cuticle of adult <u>Panagrellus silusiae</u> (Cephalobidae). Nematologica 19(1):15-18.

Samoiloff, Martin and Carol Pollock. 1973. Gene action in the freeliving nematode, <u>Panagrellus silusiae</u>. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota, p. 0002.

Sanwal, K. C. 1971. Geraldius n. gen. Macrolaiminae n. subfam. with revision the subfamilies and genera of Chambersiellidae (Nematoda). Canadian Journal of Zoology 49(7):965-967.

Schmidt, Gerald D. and Robert E. Kuntz. 1972. Nematode parasites of oceanica. XVIII. <u>Caenorhabditis avicola</u> sp. n. (Rhabditidae) found a bird from Taiwan. Proc. Helm. Soc. Wash. 39(2):189-191.

- Scotto La Massese, C. 1971. Nouveaux hotes et nouvelle localisation d'un nematode (Cacopaurus pestis Thorne). Phytoma Defense Des Cultures 233:1-4.
- Seidel, Mechthild. 1972. <u>Heterodera longicaudata</u> n. sp., ein an gramineen vorkommendes zystenälchen von grünlandflächen im norden der DDR. Nematologica 18(1):31-37.
- Seinhorst, J. W. and Jadwiga Kozlowska. 1972. The structure of the musculature associated with the vagina and the ovejector of <u>Longidorus</u>. (Abstract). XIth International Symposium of Nematology, Reading, p. 65.
- Sharma, Ravi Datt. 1971. Studies on the plant parasitic nematode Tylenchorhynchus dubius. Mededelingen Lanbouwhogeschool Wageningen Nederland 71(1):1-154.
- Shepherd, Audrey M. 1972. Spermatogenesis in <u>Heterodera</u>. (Abstract). XIth International Symposium of Nematology, Reading, p. 65.
- Shepherd, Audrey, Sybil A. Clark, and P. J. Dart. 1972. Cuticle structure in the genus Heterodera. Nematologica 18(1):1-17.
- Sher. S. A. 1973. Antarctylus humus n. gen., n. sp. from the subantarctic (Nematoda:Tylenchoidea). J. Nematol. 5(1):19-21.
- 1973. The esophageal glands of <u>Pratylenchus</u> Filipjev and <u>Apratylenchoides belli</u> n. gen. n. sp. (Nematoda:Tylenchoidea). J. Nematol. 5(3):218-221.
- 1973. Electron scanning microscopy—A tool for nematode systematics. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0395.
- 1973. The classification of <u>Tetylenchus</u> Filipjev, 1939, <u>Leipotylenchus</u> n. gen. (Leipotylenchinae n. subf.) and <u>Triversus</u> n. gen. (Nematoda: Tylenchoidae). Nematologica 19(3):318-325.
- Siddiqi, M. Rafiq. 1963. On the classification of the pratylenchidae (Thorne, 1949) nov. grad. (Nematoda:Tylenchida), with a description of <a href="Zygotylenchus browni">Zygotylenchus browni</a> nov. gen. et nov. sp. Z. f. Parasitenkunde 23 (4):390-396.
- 1963. Four new species in the sub-family Tylenchinae (Nematoda) from North India. Z. f. Parasitenkunde 23(4):397-404.
- 1963. Two new species of the genus <u>Helicotylenchus</u>
  Steiner, 1945 (Nematoda: Hoplolaiminae). Z. f. Parasitenkunde
  23(3):239-244.

- Siddiqi, M. Rafiq. 1971. Structure of the oesophagus in the classification of the superfamily Tylenchoidea (Nematoda). Indian J. Nematol. 1:25-43.
- with cephalic setae. Zool. Anz., Leipzig 186(5/6):368-372.
- XIth International Symposium of Nematology, Reading. p. 66.
- 1972. On the genus Helicotylenchus Steiner, 1945 (Nematoda: Tylenchida) with descriptions of nine new species. Nematologica 18(1):74-91.
- 1972. Two new species of <u>Scutellonema</u> from cultivat soils in Africa with a description of <u>Hoplolaimus aorolaimoides</u> sp. n. from Portugal (Nematoda: Hoplolaiminae). Proc. Helm. Soc. Wash. 39(1):7-13.
- 1973. Systematics of the genus <u>Trichodorus</u> Cobb, 1913 (Nematoda:Dorylaimida), with descriptions of three new species. Nematologica 19(3):259-278.
- Singh, Sunita D. 1971. Studies on the morphology and systematics of plant and soil nematodes mainly from Andhra Pradish. I. Tylenchoidea. Journal of Helminthology XLV(4):353-369.
- Smart, Jr., G. C., R. D. Hartman and Thelma C. Carlysle. 1972. Labial morphology of <u>Belonolaimus longicaudatus</u> as revealed by the scanning electron microscope. (Abstract). XIth International Symposium of Nematology, Reading. p. 67.
- morphology of <u>Belonolaimus longicaudatus</u> as revealed by the scanning electron microscope. J. Nematol. 4(3):216-218.
- Smart, Grover C., Jr., Mary Lou Schreiber, and V. G. Perry. 1973. A uterine layer on the egg of a plant parasitic nematode. (Abstract). International Congress of Plant Pathology Minneapolis, Minnesota. p. 0206.
- Southey, John F. and Michel Luc. 1973. Redefinition of Xiphinema ensiculiferum (Cobb, 1893) Thorne, 1937, and description of Xiphinema loosi n. sp. and Xiphinema hygrophilum n. sp. (Nematoda:Dorylaimoide: Nematologica 19(3):293-307.
- Spaull, V. W. 1972. <u>Antarctenchus hooperi</u> n. g., n. sp. (Nematoda: Dolichodoridae) from Signy Island, South Orkney Islands, with the erection of a new subfamily. Nematologica 18(3):353-359.

- Stanuszek, Stanislaw. 1971. <u>Pristionchus uniformis</u> Fedorko et Stanuszek, 1971 and its position within the genus <u>Pristionchus</u> Kreis, 1932. Zeszyty Problemowe Postepow Nauk Rolniczych 121:197-207.
- 1972. Revision of the genus Neoaplectana Steiner, 1929 (Rhabditoidea:Steinernematidae). (Abstract). XIth International Symposium of Nematology, Reading. 69-70.
- Stelter, H. 1973. Die arten der gattung <u>Heterodera</u> (Nematoda: Tylenchidae) und ihre verbreitung. Pedobiologia 13:40-61.
- Stoll, Norman R. 1973. Rudolf William Glaser, and Neoaplectana. Experimental Parasitology 33(2):189-196.
- Stone, A. R. 1972. <u>Heterodera pallida</u> n. sp. (Nematoda:Heteroderidae), a second species of potato cyst nematode. Nematologica 18(4):591-606.
- 1972. The round-cyst species of Heterodera as a group. Ann. Appl. Biol. 71(3):280-283.
- by scanning electron microscopy of larval heads. XIth International Symposium of Nematology, Reading. p. 72.
- Storch, Volker and Franz Riemann. 1973. Zur ultrastruktur der seitenorgane (amphiden) des limnischen nematoden <u>Tobrilus aberrans</u> (W. Schneider, 1925) (Nematoda, Enoplida). Z. Morph. Tiere 74: 163-170.
- Sturhan, Dieter. 1973. Genetic variation, mutations and the species concept in nematodes. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0134.
- Suryawanshi, M. V. 1971. Alirhabditis indica n. gen., n. sp. (Rhabditida:Alirhabditidae n. fam) Tawdenema indicum n. gen., n. sp. and Syedella aurangabadensis n. gen. n. sp. (Diplogasteridae) from Marathwada, India. Nematologica 17(4):542-552.
- 1971. Studies on the genus Longidorella Thorne, 1939 (Nematoda: Nordiidae) from Marathwada, India, with descriptions of two new species. Marath. Univ. J. 10(3):75-83.
- 1972. Five new species of <u>Belondira</u> Thorne, 1939 and <u>Porternema goodi</u> n. gen., n. sp. (Nematoda: Belondiroidea) from Marathwada, India. Nematologica 18(1):44-58.
- Tait, B. A. and W. M. Hess. 1972. Light and electron microscopy of resistant and susceptible alfalfa roots infected by Meloidogyne hapla. (Abstract). Phytopathology 62(7):792.

- Talame, M., M. W. Brzeski, A. Scognamiglio, and F. P. d'Errico. 1970. IL nematode Rotylenchulus macrodoratus Dasgupta, Raski e Sher, 1968, (Tylenchidae) su arancio in Abruzzo. Bollettino del Laboratorio di Entomologia Agraria XXVIII:229-235.
- Tarjan, A. C. 1973. A synopsis of the genera and species in the Tylenchorhynchinae (Tylenchoidea, Nematoda). Proc. Helm. Soc. Wash. 40(1):123-144.
- Tarte, R. and W. F. Mai. 1973. Variability in <u>Pratylenchus penetrans</u>. (Abstract). 2nd International Congress of Plant Pathology Minneapolis Minnesota. p. 0396.
- Thong, Cyril H. S. and John M. Webster. 1972. A redescription of the bark beetle nematode Contortylenchus brevicomi: Synonym Contortylenchus barberus (Nematoda: Sphaerularidae). J. Nematol. 4(3):213-216.
- Thornley, J. H. M. and J. J. Hesling. 1972. Models describing sex ratio data in <u>Heterodera rostochiensis</u>. II. Genetically determined s Nematologica 18(4):571-579.
- Tikyani, M. G., S. Khera and G. C. Bhatnager. 1970. <u>Aphelenchoides</u> jodhpurensis n. sp. from soil of great millet from Rajasthan, India. Zool. Anz. 184(3/4):239-241.
- Tjepkema, J. P., Virginia R. Ferris, and J. M. Ferris. 1971. Reviethe genus Aporcelaimellus Heyns, 1965 and six species groups of the genus Eudorylaimus Andrassy, 1959 (Nematoda:Dorylaimida). Purdue University Research Bulletin. Purdue Nematode Collection 882:1-52.
- Tobar Jimenez, Antonio. 1963. <u>Pratylenchoides guevarai</u> n. sp., m nematode tylenchido, relacionado con el cipres (<u>Cupressus sempervi</u> L.). Rev. Iber. Parasitol. 23(1-2):27-36.
- 1963. Especies del genero Heterodera A. Schmidt, 1871 (Heteroderidae: Nematoda) de la provincia de Granada, descripcion de un nuevo procedimiento para el recuento de los quis sus larvas infectivas, en casos de infecciones multiples, en anal rutinarios del suelo. Rev. Iber. Parasitol. 23(3-4):325-339.
- 1963. Contribucion al concimiento de la Heterodera fici Kirjanova, 1954 (Heteroderidae:Nematoda) y su diferenciacion morfologica de la H. humuli Filipjev, 1934. Rev. Parasitol. 23(3-4):341-345.
- Tovar, J. Gomez. 1973. Contribution to the study of infestatic dispersion of Cobb's false root knot nematode <u>Nacobbus</u> serendip: Franklin in Peru. (Abstract). Nematropica 3(1):4.

Triantaphyllou, A. C. 1973. Environmental sex differentiation of nematodes in relation to pest management. Annual Review of Phytopathology 11:441-462.

1973. Gametogenesis and reproduction of Meloidogyne graminis and M. ottersoni (Nematoda:Heteroderidae). J. Nematol. 5(2):84-87.

Van Den Berg, Esther and J. Heyns. 1973. South African Hoplolaiminae 2. The genus Scutellonema Andrassy, 1958. Phytophylactica 5:23-40.

Vinciguerra, Maria Teresa. 1972. Ricerche sulla fauna e sullar zoogeografia della Sicilia LVI. Nematodi di Sicilia. Nota T. Bollettino Della Sedute Dell'Accademia Gioenia Di Scienze Naturali in Catana, Serie IV, XI(3/4):3-35.

zoogeografia della Sicilia. LVII. Descrizione dei maschi, finora ignoti, di due specie di nematodi. Bollettino Delle Sedute Dell'Accademia Gioenia Di Scienze Naturali in Catana, Serie IV, XI(3/4):3-7.

Vitiello, P. and G. Haspeslagh. 1972. Ceramonematidae (Nematoda) de fonds vaseux profonds de Mediterranee. Blologie 48(4):1-14.

Waerebeke, D. Van and M. Remillet. 1973. Morphologie et biologie de <u>Heterogonema ovomasculis</u> n. sp. (Nematoda:Tetradonematidae) parasite de nitidulidae (Coleoptera). Nematologica 19(1):80-92.

Webber, Jr., A. J. and J. A. Fox. 1972. Interaction of genetic and environmental factors influencing sex determination of Meloidogyne graminis. (Abstract). Phytopathology 62(6):673.

Wen, G. Y. and T. A. Chen. 1972. Fine structure of the cuticle of Hoplolaimus galeatus. (Abstract). J. Nematol. 4(4):236-237.

1973. Comparative study of the cuticle ultrastructures of Criconema and Criconemoides. (Abstract). Phytopathology 63(2):209.

1973. Comparative studies of the ultrastructures of the stomatostostylets in tylenchid nematodes. (Abstract). 2nd International Congress of the Plant Pathology Minneapolis, Minnesota. p. 0207.

Wergin, William P. and Burton Y. Endo. 1973. Ultrastructure of the amphidial region of the southern root-knot nematodes, <u>Meloidogyne incognita</u>. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0208.

- Wouts, W. M. 1972. A revision of the family Heteroderidae (Nemator Tylenchoidea) I. The family Heteroderidae and its subfamilies. Nematologica 18(4):439-446.
- Tylenchoidea) II. The subfamily Meloidoderinae. Nematologica 19(2' 218-235.
- Tylenchoidea) III. The subfamily Ataloderinae. Nematologica 19(3) 284.
- Wright, K. A. 1973. Comparative nematode anatomy Form and funuc (Abstract). 2nd International Congress of Plant Pathology Minneapo Minnesota. p. 0004.
- Wright, K. A., W. D. Hope, and N. O. Jones. 1973. The ultrastruct of the sperm of <u>Deontostoma californicum</u>, a free-living marine nems Proc. Helm. Soc. Wash. 40(1):30-36.
- Wu, Liang-Yu and J. L. Townshend. 1973. Paratylenchus tateae n. & (Paratylenchinae, Nematoda). Canadian Journal of Zoology 51(1):109
- Yeates, G. W. 1971. <u>Trischistoma stramenti</u> n. sp. (Nematoda: Enop from leaf litter. New Zealand Journal of Science 14(4): 897-900.
- 1971. Plant and soil nematodes of Wicken Fen. Nat Cambridgeshire 14:23-25.
- 1972. The oesophago-intestinal junction in the Dorylaimoidea (Nematoda). J. Nat. Hist. 6:343-355.
- Hebrides. N. Z. Journal of Science 15(4):673-697.
- Zeikus, J. A., H. C. Aldrich, and V. G. Perry. 1973. Ultrastruct amphidial papillary and peripheral labial cilia of <u>Dolichodorus</u> <u>heterocephalus</u> Cobb, 1914. (Abstract). 2nd International Congres Plant Pathology Minneapolis, Minnesota. p. 0209.
- Zullini, Aldo. 1972. On the suborder Dorylaimina (Nematoda). Instituto Lombardo di Scienze e Lettere 106:164-185.
- 1973. Su alcuni nematodi di alta quota del Nepal Khumbu Himal 4(3):401-412.
- 1973. Some soil and freshwater nematodes from Ch (Maxico). Accademia Nazionale Dei Lincei CCCLXX:55-96.

## NEMATODE HOSTS

- Ali, S. Mehdi, M. V. Suryawanshi, and K. Zakiuddin Chisty. 1971. A report of <u>Clarkus sheri</u> (Mulvey, 1967) Jairajpuri, 1970 (Nematoda: Mononchidae) from Marathwada, India. Marath. Univ. J. 10(3):225-226.
- Ambrogioni, Laura. 1968-69. Due casi di infestazioni miste da nematodi dei gen <u>Heterodera</u> e <u>Meloidogyne</u>. Estratto da Redia LI:159-168.
- Anon. 1955. Reveal the tuber nematode a dangerous parasite of potatoes. Pioneer 38:2 pages.
- 1973. Nematodes attack upland rice. Iita Letter 2:2.
- Ayala, Alejandro and Nelia Acosta. 1971. Observations on yam (Dioscorea alata) neamtodes. Nematropica 1(2):39-40.
- Baeza, C. A. 1972. The golden nematode (<u>Heterodera rostochiensis</u> Woll.) in Columbia. (Abstract). Nematropica 2(1):1.
- Baines, R. C. 1950. Nematodes injurious to citrus roots. Citrus Leaves 30:24.
- Biraghi, A. 1940. La presenza in Italia del nematode degli agrumi (Tylenchulus semipenetrans Cobb). Bol. Staz. Pat. Veget. 20:205-212.
- Bird, G. W., J. L. Crawford, and N. E. McGlohon. 1973. Distribution, frequency of occurrence and population dynamics of <u>Rotylenchulus</u> reniformis in Georgia. Plant Dis. Reptr. 57(5):399-401.
- Brzeski, Michal W. 1971. Nematodes associated with cabbage in Poland, V. Experiments with <u>Paratylenchus projectus</u>. Zeszyty Problemowe Postepow Nauk Rolniczych 121:113-119.
- Buangsuwon, Dara, Prawuat Tonboon-ek, Gunjana Rujirachoon, A. J. Braun and A. L. Taylor. 1971. Rice diseases and pest of Thailand. Rice Protection Research Centre, Rice Dept., Ministry of Agriculture, Thailand, in cooperation with the United Nations Develop. Prog. and the Food and Agric. Organ. of the U.S. 61-67.
- Caveness, F. E. 1973. Two nematode observations from Nigeria. Nematropica 3(1):1.
- Chhabra, H. K. 1973. Distribution of <u>Heterodera avenae</u> Wollenweber, cereal cyst nematode in the Punjab. Current Science 42(12):441.
- Cohn, E. and R. Ausher. 1973. <u>Longidorus cohni</u> and <u>Heterodera</u>

  <u>latipons</u> economic nematode pests of oats in Israel. Plant Dis. Reptr.

  <u>57(1):53-54</u>.

Conroy, R. J. and C. D. Blake. 1960. Nematode pests of mushrooms. Biological Branch, Department of Agriculture Sydney, N.S.W., Australia. 1-5.

Dale, R. S. 1972. Potato cyst nematode at Pukekohe. N. Z. Journal of Agriculture. 3 pages.

Davide, Romulo G. 1971. Survey of the distribution of different plant-parasitic nematodes associated with the citrus decline in the Philippines. U. P. College of Agriculture College, Laguna, Philippines, NSDB Project No. 2.203, 73 pages.

Domurat, Krystyna, Jadwiga Kozlowska, Lucyna Wasilewska. 1971. Comparison of numbers of nematodes in three types of agricultural crops in the Warsaw district. Zeszyty Problemowe Postepow Nauk Polniczych, 121:139-143.

Dunn, R. A. and W. F. Mai. 1972. Root diseases of fruit trees in New York state V. Growth of apples trees in response to preplant treatment with nematicides and a broad-spectrum fumigant. Plant Dis. Reptr. 56(7):577-580.

Edmunds, J. E. 1971. Banana nematodes and their control. Pflanzenschutz-Nachrichten Bayer 24(1):145-152.

Figueroa, M. A. 1972. Nematological study on banana (Musa spp.). (Abstract). Nematropica 2(1):3.

French, N., M. E. John, and J. J. W. Williams. 1971. Observations on the biology and control of stem eelworm (<u>Ditylenchus dipsaci</u> (Kuhn) Filipjev) on hydrangea (<u>Hydrangea macrophylla Ser.</u>) Pl. Path. 20(4): 177-183.

Gonzalez, J. A. and F. Dao D. 1973. Presence of the golden nematode (Heterodera rostochiensis Woll.) in the Venezuelan Andes. (Abstract). Nematropica 3(1):4.

Goth, Akira. 1972. Occurrence of the root-lesion nematode, Pratylenchus coffeae in reclaimed fields in Nagasaki Prefecture. Japanese J. of Nematol. 2 (12):25-26.

Grujicic, Gavrilo and Borislav Boric. 1971. The root-knot nematode (Meloidogyne incognita Chitwood) on sunflower in Vojvodina. Zastita Bilja Plant Protection XXII:143-145.

Haglund, William A. and Dwight R. Milne, Jr. 1973. Nematode dissemination in commercial mushroom houses. Phytopathology 63(12): 1455-1458.

- Handa, D. K., B. N. Mathur, and L. P. Bhargava. 1971. Occurrence of root knot on pearl millet. Indian J. Nematol. 1(2):244.
- Hawn, E. J. 1973. Plant-parasitic nematodes in irrigated soils of Alberta. Can. Plant Dis. Surv. 53(1):29-30.
- Inagaki, Haruo, Saburo Furuyama, Hideo Kasano, and Kiyoshi Sakurai. 1972. Studies on mint nematodes and their control Part I. Nematodes found in mint fields, their damage and ecology. Research Bulletin No. 100 of the Hokkaido National Agricultural Exp. Station 47(3):48-57.
- Inagaki, Haruo and Karzuo Kegasawa. 1973. Discovery of the potato cyst nematode <u>Heterodera rostochiensis</u> Wollenweber, 1923, (Tylenchida: Heteroderidae) from <u>Peru guano</u>. Appl. Ent. Zool. 8(2):97-102.
- Inagaki, Haruo, Kiyoshi Sakurai, Saburo Furuyama and Hideo Kasano. 1973. Studies on mint nematodes and their control Part 2. Control of mint nematodes and black rot disease of rhizomes. Research Bulletin No. 104 of the Hokkaido National Agricultural Experiment Station 48(3):131-148.
- Jimenez-Millan, F. and A. Gomez Barcina. 1972. Quantitative variations of <u>Aphelenchoides</u> spp. in strawberry plantation. (Abstract). XIth International Symposium of Nematology, Reading. 31-32.
- Johnson, P. W. and W. E. Kayler. 1972. Stem and bulb nematode found in Erieau Marsh, Kent Country, Ontario. Can. Plant. Dis. Surv. 52(3):107.
- Juska, F. V. 1972. Nematodes, a contributing factor to zoysia grass decline in Maryland. Plant Dis. Reptr. 56(7):568-572.
- Keetch, D. P. 1972. Some host plants of the burrowing eelworm, Radopholus similis (Cobb) in Natal. Phytophylactica 4:51-58.
- Kolipanos, C. N. and Clairy Kalyviotis-Gazelas. 1973. Plant-parasitic nematodes and their hosts identified for the first time in Greece. Annls. Inst. Phytopath. Benaki, N.S. 10(4):301-306.
- Kuhn, H. 1973. Nematodenprobleme in gemüse- und zierpflanzenanbau. Akademie Der Lanwirtschaftswissenschaften Der Deutschen Demokratischen Republik. 27-29.
- Lordello, Luiz Gonzaga E. 1971. Bahia: Nematoides atacam o cafeeiro. Separata Da Revista De Agricultura 46(4):1 pg.
- Lordello, Luiz Gonzaga E. and Ary De Toledo Mello Filho. 1971. Occorrencia de nematoides em culturas de cebola. Pesq. agropec. bras., Ser. Agron. 6:127-128.

Lordello, Luiz Gonzaga E. 1972. Um nematoide nocivo ao chuchu. Separata Da Revista De Agricultura XLVII(1):1 pg.

Maas, P. W. Th. 1972. Nematologisch onderzoek. Jaarboek Plantenziektenkundige Dienst. 26-36.

Mangas, M. Perez and R. R. Montessoro. 1973. Nematode survey on alfalfa (Medicago sativa L.) in the state of Mexico. Nematropica 3(2):51.

Manser, P. D. 1971. Notes on the rice root-knot nematode in Laos. FAO Plant Protection Bulletin 19(6):138-139.

Martin, George C. 1971. Infection and reproduction of the burrowing nematode in potato. FAO Plant Protection Bulletin 19(4):91-92.

1972. A nematode affecting rice. FAO Plant Protection Bulletin 20(2):40-41.

Meagher, J. W. 1972. Cereal cyst nematode (<u>Heterodera avenae</u> Woll.). Studies on ecology and control in Victoria. Victorian Plant Research Institute, Technical Bulletin 24. 1-50.

Nath, R. P. and S. S. Prasad. 1973. Occurrence of reniform nematode or merigold plant. Current Science 42(12):440.

Oteifa, Bakir A. Citrus nematode pests of Egypt. Comptes-Rendus des Premieres Journees Phytiatrie et de Phytopharmacie Circum-Mediterraneennes. 69-74.

Pessenda, Carlos Edumr, Tomoniassa Matuo, Jose Carlos Goncalves, and Roberto Antonio Thomaziello. 1968. Nematoides nocivos ao cafeeiro. Servicio De Communicacao Rural 31:1-21.

Plaisted, R. L., H. D. Thurston, L. C. Peterson, D. H. Fricke, R. C. Cetas, M. B. Harrison, J. B. Sieczka, and E. D. Jones. 1973. Hudson: A high yielding variety resistant to golden nematode. American Potato Journal 50(6):212-215.

Scott, D. H. and G. M. Darrow. 1972. Growing strawberries in the southeastern and gulf coast states. U.S. Dept. of Agriculture Farmers' Bulletin 2246:1-33.

Scotto La Massese, C. 1965. Sensibilite de quelques portegreffes de citrus a l'egard de <u>Tylenchulus semipenetrans</u> Cobb, 1913. Comptes-Rendus Des Premieres Journees Phytiatrie Phytopharmacie Circum-Mediterraneennes 59-68.

- Scotto La Massese, C. 1972. New hosts and new location of <u>Cacapaurus</u> pestis. FAO Plant Protection Bulletin 20(1):21.
- Rotylenchulus macrodoratus (Dasgupta, Raksi et Sher, 1968).
  Nematologica Meditteranea 1(1):55-56
- Sharma, R. D. and S. A. Sher. 1973. Occurrence of plant-parasitic nematodes in avocado in Bahia, Brazil. Nematropica 3(1):20-23.
- Singh, Kishan and S. R. Misra. 1970. Root-knot nematodes on sugarbeet in India. Plant Science 2:2 pages.
- Singh, N. D. and K. M. Farrell. 1972. Occurrence of <u>Rotylenchulus</u> reniformis in Trinidad, West Indies. Plant Dis. Reptr. 56(6):551.
- 1973. <u>Pratylenchus penetrans</u>, a nematode pest new to Trinidad, West Indies. Plant Dis. Reptr. 57 (3):260.
- Smolik, J. D. and R. B. Malek. 1972. <u>Tylenchorhynchus</u> <u>nudus</u> and other nemaodes associated with Kentucky bluegrass turf in South Dakota. Plant Dis. Reptr. 56(10):898-900.
- Streu, H. T. 1973. The turfgrass ecosystem: Impact of pesticides. Bulletin of the Entomological Society of America 19(2):89-91.
- Szczygiel, Adam. 1971. Studies on plant-parasitic nematodes associated with strawberry plants. Research Institute of Pomology, 141 pages.
- Szczygiel, A. and J. Danek. 1972. The pathogenicity of three species of root parasitic nematodes to strawberry plants, as related to methods of inoculation. (Abstract). XIth International Symposium of Nematology, Reading. p. 73.
- Taylor, D. P., D. I. Edwards, and R. B. Malek. 1968. The soybean-cyst nematode spreads through Southern Illinois. Illinois Research 10 (4):12-13.
- Taylor, D. P., R. B. Malek, and D. I. Edwards. 1971. The barley root-knot nematode it's not a problem. . . yet. Crops Soils 23(6):14-16.
- Taylor, D. P. 1972. Rice white tip nematodes. FAO Plant Protection Bulletin 20(2):41-42.
- 1972. Distribution and magnitude of <u>Aphelenchoides</u> besseyi infestation in rice in East Africa. (Abstract). XIth International Symposium of Nematology, Reading. 74-75.

Townshend, J. L., C. B. Willis, J. W. Potter, and J. Santerre. 1973. Occurrence and population densities of nematodes associated with forage crops in Eastern Canada. Can. Plant. Dis. Surv. 53(3):131-136.

Ushiyama, Kinji. 1970. On the development of the citrus nematode (<u>Tylenchulus semipenetrans</u> Cobb) on roots of citrus seedlings. Jap. J. Appl. Entomol. Zool. 14(2):95-100.

Ushiyama, K. and C. Ogaki. 1970. Studies on the replants problem in Unshiu orange orchards. II. (1) Influences of citrus root nematodes (Tylenchulus semipenetrans) and root lesion nematode (Pratylenchus loosi on citrus trees and fruits. (II) Effects of sod culture during a fallow and fumigation by nematocides on citrus growth of replanted trees in old soils. Kanagawa Horticultural Experiment Station, Bulletin No. 18:46-56.

Vilardebo, A. 1965. Les nematodes des agrumes. Comptes-Rendus Des Preieres Journees Phytiatrie et de Phytopharmacie Circum-Mediterraneennes. 35-46.

Wilski, Andrzej. 1971. The occurrence of <u>Heterodera</u> cysts in soils of the province Pozan. Prace Naukowe Instytutu Ochrony Roslin XIII(1):195-200.

Yadav, B. S. and A. C. Verma. Cereal cyst eelworm and other nematodes associated with maize in Rajasthan. Indian J. Nematol. 1(1):97-98.

Yepez, T., G. Julia A. Meredith and A. Perez. Banana and plantain (Musa spp.) nematodes in Venezuela. (Abstract). Nematropica 2(1):11.

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Abawi, G. S. and W. F. Mai. 1973. Life cycle of <u>Heterodera schachtii</u> on table beet under field and greenhouse conditions. (Abstract). Phytopathology 63(2):199.

Ahmad, Riaz and Inam Ullah Khan. 1973. Root knot on potato in West Pakistan. Plant Dis. Reptr. 57(6):505-506.

Atkinson, H. J., C. Ellenby and L. Smith. 1972. Th respiratory physiology of Enoplus communis and E. brevis with reference to the functional significance of their haemoglobin. (Abstract). XIth International Symosium of Nematology, Reading. 1-2.

Balasubramanian, M. and D. Purushothaman. 1972. Phenolic contents of root-knot affected tissues. Indian J. Nematol. 2(1):77-79.

Banyer, R. J. and J. M. Fisher. 1972. Motility in relation to hatching of eggs of <a href="Heterodera avenae">Heterodera avenae</a>. Nematologica 18(1):18-24.

- Bedding, R. A. 1972. Biology of <u>Deladenus siricidicola</u> (Neotylenchidae) an entomophagous—mycetophagous nematode parasitic in siricid woodwasps. Nematologica 18(4):482-493.
- Bird, G. W. 1971. Biology of nematodes and their phytopathogenic mechanisms. The Journal of Parasitology Section II, Part 2 of 2 parts 57(4):87-95.
- Bird, Alan F. 1972. Quantitative studies on the growth of syncytia induced in plants by root knot nematodes. International Journal for Parasitology 2:157-170.
- Blake, C. D. 1958. Plant Parasitic Nematodes. Agr. Gaz. N. S. Wales. 69:360-365.
- Brown, E. B. 1972. Potato cyst nematode:some practical considerations. Ann. appl. Biol. 71(3):294-296.
- Buecher, Edward J. and Eder L. Hansen. 1973. Aging studies using axenic nematode cultures. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0210.
- Bumbu, I. V. and M. V. Melnic. 1972. Enzymic activity of protein fractions discharged by <u>Ditylenchus destructor</u>. (Abstract). XIth International Symposium of Nematology, Reading. 5-6.
- Cadet, P. and M. Dion. 1973. Production of <u>Caenorhabditis</u> <u>elegans</u> mutants under the influence of ethyl-methane-sulfonate (E.M.S.). Nematologica 19(1):117-118.
- Calcoen, J. and D. R. Roggen. 1973. The form of moving nematodes. Nematologica 19(3):408-410.
- Castillo, M. B., C. C. Russell and L. S. Morrison. 1973. Development of Meloidogyne hapla in peanut. Phytopathology 63(5):583-585.
- Cayrol, J. C. 1970. Etude de l'insemination chez le nematode mycophage <u>Ditylenchus myceliophagus</u> (J. B. Goodey, 1958). Ann. Zool. Ecol. Anim. 2(3):327-337.
- 1970. Contribution a l'etude de la biologie de Ditylenchus myceliophagus Goodey, 1958, nematode edaphique mycetophage. Rev. Ecol. Biol. Sol. VII(3):311-350.
- 1970. Action des autres compostants de la biocenose du champignon de couche sur le nematode mycophage, <u>Ditylenchus myceliophagus</u>
  J. B. Goodey, 1958, et etude de son anabiose: Forme de survie en conditions defavorables. Rev. Ecol. Biol. Sol. VII(4):409-440.

Cheng, Ronald and M. R. Samoiloff. 1972. Effects of cyclohexamide and hydroxyurea on mating behavior and its development in the free-living nematode Panagrellus silusiae (de Man 1913) Goodey, 1945. Canadian Journal of Zoology 50(3):333-336.

Chevres-Roman, Roberto, Harry Douglas Gross, and J. N. Sasser. 1971. The influence of selected nematode species and number of consecutive plantings of corn and sorghum on forage production. Chemical composition of plant and soil, and water use efficiency. Nematropica 1(2):40-41.

Chylinska, K. M. J. S. Knyp1, and M. W. Brzeski. 1972. Stimulated protein and RNA synthesis in carrot infested with the northern root-knot nematode Meloidogyne hapla, Chit. Bulletin De L'Academie Polonaise Des Sciences XX(3):209-212.

Cook, R. 1972. Egg production by <u>Heterodera avenae</u>. (Abstract). XIth International Symposium of Nematology, Reading. 12-13.

Cook, R. and T. D. Williams. 1972. Pathotypes of <u>Heterodera avenae</u>. Ann. appl. Biol. 71(3):267-271.

Cooper, Susan C. and J. Homer Ferguson. 1973. The effects of cold acclimation upon the oxygen consumption of two species of free-living nematodes. J. Nematol. 5(4):241-245.

Croll, N. A. 1972. Movement patterns and dispersal strategies in nematodes. (Abstract). XIth International Symposium of Nematology, Reading. p. 14.

Dalmasso, A. 1973. Reproduction pattern of species belonging to the genus Meloidogyne. OEPP/EPPO Bulletin 3(1):67-73.

Dasgupta, D. R. and A. R. Seshadri. 1971. Races of the reniform nematode, <u>Rotylenchulus reniformis</u> Linford and Oliveira, 1940. Indian J. Nematol. 1(1):21-24.

and host adaptation in physiological races of the reniform nematode, Rotylenchulus reniformis. Indian J. Nematol. 1(2):128-144.

Davey, K. G. and W. M. Hominick. 1973. Endocrine relationships between nematodes and their insect hosts—a review. Experimental Parasitology 33(2):212-225.

Doncaster, C. C. and M. K. Seymour. 1973. Egg-transport in the genital tract and egg-laying by Aphelenchoides blasophthorus. Nematologica 19(3):379-388.

- Dropkin, V. H. 1972. Pathology of <u>Meloidogyne</u> galling giant cell formation, effects on host physiology. OEPP/EPPO Bull. 6:23-32.
- Dunn, R. 1972. Importance of depth in soil, presence of host roots, and role of eggs as compared to vermiform stages in overwintering of Pratylenchus penetrans at Ithaca, New York. (Abstract). J. Nematol. 4(4):221-222.
- Elmiligy, Ismail A. and Don C. Norton. 1973. Survival and reproduction of some nematodes as affected by muck and organic acids. J. Nematol. 5(1):50-53.
- El-Sherif, A. G. 1972. The influence of host nutrition on the morphometrics of three Aphelenchoides species (Nematode:Aphelenchoidea). Nematologica 18(2):174-178.
- Endo, Burton Y. 1971. Nematode-induced syncytia (giant cells). Host-parasite relationships of Heteroderidae. Plant Parasitic Nematodes 2:91-117.
- Engel, K. H. and H. Drabsch. 1971. Ein erklärungsversuch für die durch den kartoffenlnematoden (<u>Heterodera rostochiensis</u> Wollenweber) verursachte wachstums- und entwicklungsverzogerung. Probleme Der Phytonematologie. 42-51.
- Epstein, E. 1972. Biochemical changes in terminal root galls caused by an ectoparasitic nematode, <u>Longidorus africanus</u>: Phenols, carbohydrates and cytokinins. J. Nematol. 4(4):246-250.
- 1972. Effect of pretreatment with some amino acids and amino acid antimetabolites on Longidorus africanus infected and non-infected Bidens tripartita. Nematologica 18(4):555-562.
- Epstein, E. and E. Cohn. 1973. Biocherical changes in roots infected by the nematode Longidorus africanus. Ihytoparasitica 1(1):58-59.
- Esser, Robert P. 1972. Effect of sodium hypocholrite concentrations on selected genera of nematodes. Proc. Helm. Soc. Wash. 39(1):108-114.
- Estey, R. H. and C. Panay. 1972. The effects of selected antimetabolites and antibiotics on reproduction, embryonic development and hatch of <u>Meloidogyne hapla</u>. J. Nematol. 4(4):239-243.
- Evans, K. and D. L. Trudgill. 1971. Effects of amino acids on the reproduction of Heterodera rostochiensis. Nematologica 17(4):495-500.
- Farooq, Talat. 1973. The anatomy of a root gall of <u>Lycopersicon</u> <u>pimpinellifolium</u> infected by <u>Meloidogyne</u> <u>incognita</u>. Nematologica 19(1):118-119.

- Finey, Jean R. 1972. The physiological interactions between nematode parasites and their insect hosts. (Abstract). XIth International Symposium of Nematology, Reading. 22-23.
- Fisher, J. M. 1972. Observations on the effect of males on reproduction and fecundity of Aphelenchus avenae. Nematologica 18(2):179-189.
- Fletcher, C. L. and L. R. Krusberg. 1972. Investigations of some lipids from <u>Turbatrix aceti</u>. (Abstract). J. Nematol. 4(4):223-224.
- Fox, J. A. and L. I. Miller. 1973. Comparison of gall and egg-mass indices of two races of Meloidogyne incognita on ten differential hosts. (Abstract). Phytopathology 63(7):p. 801.
- Gerlach, Sebastian A. 1972. Die Produktionsleistung des benthos in der Helgolander Bucht. Verh. d. Dtsch. Zool. Ges. 65:1-12.
- Giebel, J. 1973. Phenylalanine and tyrosine ammonialyase activities in potato roots and their significance in potato resistance to Heterodera rostochiensis. Nematologica 19(1):1-6.
- Giebel, J. and A. Wilski. 1973. Investigation on biochemical factors involved in potato resistance to <u>Heterodera rostochiensis</u>. Institute for Plant Protection UL. Miczurina 20, Poznan, Poland 2:1-26.
- Ginger, Colin D. 1969. The biochemistry of Nippostrongylus and other nematodes. Symposia of the British Society for Parasitology 7:17-30.
- Gordon, Roger and John M. Webster. Nutritional requirements for protein synthesis during parasitic development of the entomophilic nematodes Mermis nigrescens. Parasitology 64:161-172.
- Green, C. D. 1972. The structure of the females of the round-cyst nematodes. Ann. appl. Biol. 71(3):286-289.
- Green, C. D. and D. N. Greet. 1972. The location of the secretions that attract male <u>Heterodera schachtii</u> and <u>H. rostochiensis</u> to their females. Nematologica 18(3):347-352.
- Greet, D. N. 1972. Electrophoresis and morphometrics of the round-cyst nematodes. Ann. appl. Biol. 71(3):283-286.
- Gysels, H. 1972. The influence of some pollution components upon the electrophoretic protein and enzyme pattern of free-living nematodes. (Abstract). XIth International Symposium of Nematology, Reading. p. 27.
- Hamlen, R. A., J. R. Bloom, and F. L. Lukezic. 1973. Hatching of Meloidogyne incognita eggs in the neutral carbohydrate fraction of root exudates of gnotobiotically grown alfalfa. J. Nematol. 5(2):142-146.

- Hansen, Eder and E. J. Buecher. 1970. Nature of the requirement for protein in axenic culture of helminths. (Abstract). The Journal of Parasitology 56(4):p. 135.
- Hansen, Eder L., Edward J. Buecher and Evangeline A. Yarwood. 1973. Alteration of sex of <u>Aphlenchus avenae</u> in culture. Nematologica 19(1):113-116.
- Haque, Q. A., Abrar M. Khan, and S. K. Saxena. 1972. Studies on the effect of different levels of certain elements on the development of root knot-1. Effect of N P K levels on growth of okra and root knot development. Indian J. Nematol. 2(1):35-41.
- Hendricks, E. K., M. W. Brzeski, and Z. Bojda. 1971. Studies of Meloidogyne hapla Chitw. (Nematoda, Tylenchida): Annual number of generations on carrot. Bulletin De L'Academie Polonaise Des Sciences XIX(11):733-735.
- Henneberry, T. J., J. H. Graham, Danielson, L. L., and J. M. Good. 1972. Pests that plague our plants; what you can do about them. The Yearbook of Agriculture. 141-151.
- Howard, H. W. 1972. Pathotypes of potato cyst nematodes. Ann. appl. Biol. 71(3):263-266.
- Huang, C. S., L. H. Lin, and S. P. Huang. 1971. Alterations in peroxidase activities induced by root-knot nematode on tomato. Bot. Bull. Acad. Sci. (TAIPEI) 12(2):74-83.
- Huang, C. S. and S. P. Huang. 1973. Effects of dehyration on Aphelenchoides besseyi. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0551.
- Hung, Chia-ling and R. A. Rohde. 1973. Phenol accumulation related to resistance in tomato to infection by root-knot and lesion nematodes. J. Nematol. 5(4):253-258.
- Hunt, P. G., G. C. Smart, Jr. and C. F. Eno. 1973. Sting nematode, Belonolaimus longicaudatus, immotility induced by extracts of composted municipal refuse. J. Nematol. 5(1):60-63.
- Hussey, R. S. 1972. Serological relationship of Meloidogyne incognita and M. arenaria. J. Nematol. 4(2):101-104.
- Hussey, R. S., J. N. Sasser, and D. Huisingh. 1972. Discelectrophoretic studies of soluble proteins and enzymes of <u>Meloidogyne</u> <u>incognita</u> and <u>M. arenaria</u>. J. Nematol. 4(3):183-189.

Hussey, R. S. 1973. Peroxidase from <u>Meloidogyne incognita</u>. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0397.

Ibrahim, I. K. A. and J. P. Hollis. 1972. Orientation of Tylenchorhynchus martini swarmers of chemical stimuli. Proc. Helm. Soc. Wash. 39(1)5-6.

Jackson, George J. 1961. The parasitic nematode, <u>Neoapletana glaseri</u>, in axenic culture. I. Effects of antibodies and anthelminthics. Experimental Parasitology 11(2/3):241-247.

1966. Serological and cultivational comparisons of Neoaplectana species, nematodes of insects. Proceedings of the First International Congress of Parasitology 1:578-579.

Jackson, George J. and Maria A. Rudzinska. 1972. Cuticular abnormality of an axenically cultured strain of the nematode <u>Neoplectana glaseri</u>. Journal of Inverebrate Pathology 19(3):405-408.

Jackson, George J. 1973. The aging of <u>Neoaplectana glaseri</u>. Proc. Helm. Soc. Wash. 40(1):74-76.

Johnson, Jerral D. and W. H. Thames. 1972. The biology of a population of <u>Nacobbus</u> (Hoplolaimdiae: Nematoda) found parasitizing spinach in Texas. (Abstract). J. Nematol, 4(4):p. 228.

Jones, F. G. W. 1972. Pathotypes in perspective. Ann. appl. Biol. 71(3):296-300.

Kämpfe, L. and H. Dietze. 1972. Histochemical demonstration of enzymes in normal nematodes and those influenced by nematicides. (Abstract). XI International Symposium of Nematology, Reading. 34-35.

Kermarrec, A. and C. S. La Massese. 1972. New contributions to the study of the nematode fauna in the French West Indies. Nematropica 2(2):41-43.

Kisiel, M., B. Nelson and B. M. Zuckerman. 1972. Effects of DNA synthesis inhibitors on <u>Caenorhabditis</u> <u>briggsae</u> and <u>Turbatrix</u> <u>aceti</u>. Nematologica 18(3):373-384.

Kisiel, M. Himmelhoch, S., and Zuckerman, B. M. 1973. Effects of aminopterin on the fine structure of <u>Caenorhabditis briggsae</u>. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0400.

Klekowski, R. Z., L. Wasilewska and E. Papinska. 1972. Oxygen consumption by some soil-inhabiting nematodes. (Abstract). XIth International Symposium of Nematology, Reading. p. 37.

- Klekowski, R. Z., L. Wasilewska and E. Papinska. 1972. Oxygen consumption by soil-inhabiting nematodes. Nematologica 18(3):391-403.
- Klingler, J. 1972. The effect of single and combined heat and  ${\rm CO}_2$  stimuli at different ambient temperatures on the behavior of two plant-parasitic nematodes. J. Nematol. 4(2):95-100.
- Koliopanos, C. N. 1972. Hybridization between two populations of Heterodera glycines. (Abstract). XIth International Symposium of Nematology, Reading. 37-38.
- Kondrollochis, Margarita. 1972. The disruption of feeding and reproduction in nematodes by organo-phosphate compounds. (Abstract). XIth International Symposium of Nematology, Reading. 38-39.
- Koshy, P. K. and Gopal Swarup. 1971. Investigations on the life history of the pigeon-pea cyst nematode, <u>Heterodera cajani</u>. Indian J. Nematol. 1(1):44-51.
- Heterodera cajani, the pigeon-pea cyst nematode in a year. Indian J. Nematol. 1(1):88-90.
- 1971. Susceptibility of aerial parts of pigeon-pea seedlings to Heterodera cajani larvae. Indian J. Nematol. 1(2):245-246.
- Kozlowska, Jadwiga, and Ewa Mianowska. 1971. Research on the biology and ecology of <u>Panagrolaimus rigidus</u> (Schneider) Thorne I. The influence of food on changes of morphometric characteristics of <u>P. rigidus</u>. Ekologia Polska XIX(40):701-714.
- Krall, E. and H. Krall. 1967. New data on the distribution and biology of the couch grass nematode (<u>Paranguina agropyri</u> Kirjanova, 1955 (Nematoda:Tylenchida)). Academy of Sciences of the Estonian SSR, Institute of Zoology and Botany XVI(4):370-376.
- 1970. Distribution of the couch grass nematode (Paranguina agropyri Kirjanova, 1955) in the U.S.S.R. with some data on its biology and pathogenicity. Proc. IX Int. Nem. Symposium (Warsaw, 1967) 92:313-318.
- Krusberg, L. R., R. S. Hussey, and C. L. Fletcher. 1972. Lipid and fatty acid composition of females and eggs of <u>Meloidogyne incognita</u> and M. arenaria. (Abstract). J. Nematol. 4(4):p. 229.

- Kuhn, R. 1972. Der larvenschulupf aus zysten von <u>Heterodera</u> rostochiensis Wollenweber, 1923 und <u>Heterodera</u> sp., zwei an <u>Solanum</u> tuberosum L. parasitierenden nematoden. "Probleme der Phytonematologie" Grob Lüsewitz. 112-122.
- Kumar, A. C. and G. I. d'Souza. 1971. A study on the embryology of coffee root lesion nematode, <u>Pratylenchus coffeae</u>. J. Coffee Res. 1:9-12.
- Kumar, A. C. and P. R. Kasi Viswanathan. 1972. Studies on physiological races of <u>Pratylenchus coffeae</u>. J. of Coffee Research 2(2):10-15.
- Kunz, P. and J. Klingler. 1971. Air swallowing in nematodes a respiratory mechanism? Nematologica 17(4):p. 600 plus plate.
- Lapp, N. A. and A. C. Triantaphyllou. 1972. Relative DNA content and chromosomal relationships of some <u>Meloidogyne</u>, <u>Heterodera</u>, and Meloidodera spp. (Nematoda: Heteroderidae). J. Nematol. 4(4):287-291.
- Limber, Donald P. 1973. Notes on the longevity of Anguina tritici (Stenibuch, 1799) Filipjev, 1936, and its ability to invade wheat seedlings after thirty-two years of dormancy. Proc. Helm. Soc. Wash. 40(2):272-274.
- Lyons, J. M. 1973. A relationship between the physical state of subcellular membranes and temperature responses in biological systems. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0003.
- McClure, Michael, T. H. Kruk and I. Misaghi. 1973. Amino acids in the developmental stages of the root-knot nematode, Meloidogyne incognita. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0399.
- McKenna, L. A. and R. D. Winslow. 1972. Differences in hatch and development rates of potato cyst nematode pathotypes. Ann. appl. Biol. 71(3):274-278.
- Macaron, Jean and Maurice Ritter. 1972. Inversion de sexe chez le nematode Tylenchide phytoparasite <u>Tylenchulus semipenetrans</u>, Cobb 1913-nematode Tylenchida. Cr. Acad. Sc. Paris 274:2679-2682.
- MacDonald, D. H. 1972. Effect of variations in the mineral nutrition of mint on the number of <u>Pratylenchus penetrans</u> in the roots. (Abstrac: J. Nematol. 4(4):229-230.

Machado, Raul Neto. 1972. Nota previa sobre possiveis racas fisiologicas de <u>Meloidogyne</u> exigua no estado de Sao Paulo. Revista de Agricultura XLVII(2):86.

Maggenti, A. R. and Adnan Hardan. 1973. The effects of soil salinity and Meloidogyne javanica on tomato. J. Nematol. 5(4):231-234.

Mamiya, Yasuharu and Nobuo Enda. 1972. Transmission of <u>Bursaphelenchus</u> <u>lignicolus</u> (Nematoda:Aphelenchoididae) by <u>Monochamus alternatus</u> (Coleoptera:Cerambycidae). Nematologica 18(2):159-162.

Meinl, G. and H. Stelter. 1971. Wachstums-, entwicklungs- und stoffwechselphysiologische probleme bei nematodenbefallenen kartoffelpflazen. Probleme Der Phytonematologie. 27-41.

Mercer, Edward K. and Eldon J. Cairns. 1973. Food consumption of the free-living aquatic nematode <u>Pelodera chitwoodi</u>. J. Nematol. 5(3):201-208.

Michell, R. E., R. B. Malek, D. P. Taylor and D. I. Edwards. 1973. Races of the barley root-knot nematode, <u>Meloidogyne naasi</u>. I. Characterization by host preference. J. Nematol. 5(1):41-44.

1973.

Races of the barley root-knot nematode, <u>Meloidogyne naasi</u>. II. Developmental rates. J. Nematol. 5(1):44-46.

1973.

Races of the barley root-knot nematode, <u>Meloidogyne</u> <u>naasi</u>. III. Reproduction and pathogenicity on creeping bentgrass. J. Nematol. 5(1): 47-49.

Miller, P. M., N. C. Turner and H. Tomlinson. 1973. Toxicity of leaf and stem extracts to <u>Tylenchorhynchus dubius</u>. J. Nematol. 5(3):173-177.

Moody, E. H., B. F. Lownsbery, and J. M. Ahmed. 1973. Culture of the root-lesion nematode <u>Pratylenchus vulnus</u> on carrot disks. J. Nematol. 5(3):225-226.

Muse, B. D. and R. R. Muse. 1972. Peroxidase activity and phenol content in Wando peas infected with two populations of <u>Ditylenchus dipsaci</u>. (Abstract). Phytopathology 62(7):779-780.

Newall, D. R. and C. Ellenby. 1972. Volume and ionic regulation in Enoplus brevis, E. communis and Heterodera rostochiensis. (Abstract). XIth International Symposium of Nematology, Reading. p. 49.

- Nikandrow, A. and C. D. Blake. 1972. Oxygen and the hatch of eggs and development of larvae of <u>Aphelenchoides composticola</u> and <u>Ditylenchus mycleiophagus</u>. Nematologica 18(3):309-319.
- Ogbuji, R. O. and H. J. Jensen. 1972. Pacific northwest biotypes of Meloidogyne hapla. Plant Dis. Reptr. 56(6):520-523.
- Orion, D. and Roberte Bronner. 1973. The localization of starch, amylase and invertase in <u>Meloidogyne javanica</u> galls. Nematologica 19(3):401-403.
- Ortiz, R., E., Carlos Lopez Ocana and Luis Chiappe Vargas. 1971. Effect of slip type on the histological differentiation, early ripening, production and susceptibility to nematodes of <u>Ipomoea batatas</u> cv. (Abstract). Nematropica 1(2):38.
- Ou, S. H. 1972. Diseases caused by nematodes. Commonwealth Mycological Institute Kew, Surrey, England. Pt. VII: 325-351.
- Palmisano, Anna Marinari, Renzo Tacconi, and Giorgio Canestri Trotti. 1971, Sopravvivenza di <u>Ditylenchus dipsaci</u> (Kühn) Filipjev (Nematoda: Tylenchidae) al processo digestivo nei suini, equini e bovini. Estratto da Redia LII:725-737.
- Palmisano, Anna Marinari and Tullio Turchetti. 1972. Prime osservazioni su culture monoxeniche di un nematode saprofago con <u>Bacillus subtilis</u> (Cohn) prazmowski e Bacillus megaterium De Bary. Redia LIII:485-497.
- Parrott, Diana M. 1972. Mating of <u>Heterodera rostochiensis</u> pathotypes. Ann. appl. Biol. 71(3):271-273.
- Perry, R. N. and C. Ellenby. 1972. Descration survival of <u>Ditylenchus</u> dipsaci. (Abstract). XIth International Symposium of Nematology, Reading. p. 55.
- Person, Francoise. 1972. Chemical mutagenesis in <u>Aphelenchoides</u> composticola (Franklin 1957). (Abstract). XIth International Symposium of Nematology, Reading. 53-54.
- Planer, F. R. 1972. Above ground stem infection caused by <u>Ditylenchus</u> destructor. Nematologica 18(3):p. 417.
- Platzer, Edward G. and Seymour D. Van Gundy. 1973. Comparative biochemistry of folate metabolism in nematodes. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0212.

Poinar, Jr., George O. and Roberta Hess. 1972. Food uptake by the insect-parasite nematode, <u>Sphaerularia bombi</u> (Tylenchida). J. Nematol. 4(4):270-277.

Poinar, George O., Jr. and P. A. van der Laan. 1972. Morphology and life history of Sphaerularia bombi. Nematologica 18(2):239-252.

Rebois, R. V. and Wiley C. Johnson. 1973. Effect of <u>Rotylenchulus</u> reniformis on yield and nitrogen, potassium, phosphorus and amino acid content of seed of Glycine max. J. Nematol. 5(1):1-6.

Riedel, R. M., J. G. Foster, and W. F. Mai. 1972. Monoxenic culture of Pratylenchus penetrans on a simplifed medium. (Abstract). J. Nematol. 4(4):232-233.

Ritter, M. 1973. Cycles et developpement des Meloidogyne. OEPP/EPPO Bull. 9:53-59.

Rodriguez-Kabana R., P. A. Backman, Henry Ivey, and L. L. Farrar. 1972. Effect of post-emergence application of potassium azide on nematode populations and development of <u>Sclerotium rolfsii</u> in a peanut field. Plant Dis. Reptr. 56(4):362-367.

Roman, J. and X. Rivas. 1971. Nematode contamination in tap water. Nematropica 1(2):39.

different localities in Puerto Rico. The Journal of Agriculture of the University of Puerto Rico. LVI(2):187-191.

Rothstein, Morton and W. F. Hieb. 1970. Growth factors for axenic culture of the free-living nematode, <u>C. briggsae</u>. (Abstract). J. Nematol. 56(4):292-293.

Samoiloff, M. R., P. McNicholl, R. Cheng, and S. Balakanich. 1973. Regulation of nematode behavior by physical means. Experimental Parasitology 33(2):253-262.

De A. Santos, M. Susana N. 1972. Production of male <u>Meloidogyne</u> spp. and attraction of their females. Nematologica 18(3):291-302.

Seymour, Malcolm K. and C. C. Doncaster. 1972. Defaecation behaviour of Aphelenchoides blastophthorus. Nematologica 18(4):463-468.

Seymour, Malcolm K. 1973. Motion and the skeleton in small nematodes. Nematologica 19(1):43-48.

Shepherd, Audrey M., Sybil A. Clark, and Annelise Kempton. 1973. An intracellular micro-organism associated with tissues of <u>Heterodera</u> spp. Nematologica 19(1):31-34.

Sivakumar, C. V. and A. R. Seshadri. 1971. Life history of the reniform nematode, Rotylenchulus reniformis Linford and Oliveira, 1940. Indian J. Nematol. 1(1):7-20.

population development and fecundity of the reniform nematode, Rotylenchulus reniformis. Indian J. Nematol. 1(1):91-93.

Sommerville, R. I. 1970. In vitro culture of parasitic nematodes and the nature of the infectious process. (Abstract). The Journal of Parasitology 56(4):p. 325.

Southey, J. F. 1973. Terminology of the female reproductive organs in nematodes with special reference to <u>Xiphinema</u> species. Nematologica 19(3):p. 405.

de Soyza, Kamala. 1973. Energetics of Aphelenchus avenae in monoxenic culture. Proc. Helm. Soc. Wash. 40(1):1-10.

Sprau, F. 1972. A comparison of the effect on the hatching of <u>Heterodera rostochiensis</u> of resistant potato varieties and stock/scion combinations of resistant and susceptible varieties. (Abstract). XIth International Symposium of Nematology, Reading. p. 67.

Srivastava, V. M. L., S. Ghatak and C. R. Krishnamurti. 1971. Partial purification of <u>Ascaridia galli</u> aldolase. Labdev. J. Sci. Tech. 9-B (1):27-30.

of carbohydrate metabolism in helminths. Labdew J. Sci. Tech. 9-B(1): 59-64.

Steele, Arnold E. 1971. Invasion of non-host plant roots by larvae of the sugarbeet nematode, <u>Heterodera schachtii</u>. Journal of the American Society of Sugar Beet Technologists 16(6):457-460.

and tomato infected with <u>Heterodera schachtii</u> Schmidt 1871. Journal of the A.S.S.B.T. 16(7):561-567.

1972. Development of <u>Heterodera schachtii</u> on large rooted crop plants and the significance of root debris as substratum for increasing field infestations. J. Nematol. 4(4):250-256.

- Steele, Arnold E. 1972. Evaluation of cyst selection as a means of reducing variation in sugarbeet nematode inocula. J. of the American Society of Sugar Beet Technologists 17(1):22-29.
- Stone, L. E. W., D. P. Webley, Serfiah Lewis, and Elizabeth B. Evans. 1973. The persistence of potato cyst eelworm (Heterodera pallida Stone) under different non-host regimes. Pl. Path. 22(4):181-183.
- Thong, C. H. S. and J. M. Webster. 1972. The effect of <u>Contortylenchus</u> <u>reversus</u> (Sphaerulariidae) on the hemolymph composition and oocyte development in the bark beetle <u>Dendroctonus</u> <u>pseudotsugae</u>. (Abstract). J. Nematol. 4(4):235-236.
- embryonic development of the bark beetle nematode Contortylenchus reversus (Sphaerulariidae). Nematologica 19(2):159-168.
- Townshend, J. L. 1972. Fungal diet and morphometric relationships in Aphelenchus avenae. (Abstract). XIth International Symposium of Nematology, Reading. 76-77.
- Townshend, J. L. and J. W. Potter. 1973. Some observations on the survival of development of <u>Helicotylenchus</u> digonicus under alfalfa. Can. Plant Dis. Surv. 53(4):196-198.
- Trudgill, D. L. 1972. Electrophoresis of protein from different populations of the potato cyst nematode. Ann. appl. Biol. 71(3):278-280.
- rostochiensis. (Abstract). XIth International Symposium of Nematology, Reading. p. 77.
- 1972. Influence of feeding duration on moulting and sex determination of Meloidogyne incognita. (Abstract). XIth International Symposium of Nematology, Reading. 77-78.
- Trudgill, D. L. and Diana M. Parrott. 1972. Disc electrophoresis and larval dimensions of British, Dutch and other populations of <u>Heterodera rostochiensis</u>, as evidence of the existence of two species, each with pathotypes. Nematologica 18(1):141-148.
- Twinn, D. C. 1972. The colonization of woodland leaf litter by nematodes. (Abstract). XIth International Symposium of Nematology, Reading. p. 78.
- Vanfleteren, J. R. 1973. Amino acid requirements of the free-living nematode <u>Caenorhabditis</u> briggsae. Nematologica 19(1):93-99.

- Verma, S. K. and Prasad, S. K. 1969. The reniform nematode, Rotylenchulus reniformis Linford and Oliveira, 1940; I. Bioecological studies. Indian J. Ent. 31(1):36-47.
- Whitehead, A. G. 1972. Controlling nematodes of field crops with small amounts of carbamoyl oxime and organo-phosphorus compounds. (Abstract). XIth International Symposium of Nematology, Reading. p. 79.
- Wiest, Jr., Louis M. 1972. Effect of immunosuppressants on the susceptibility of hamsters to <u>Trichostrongylus axei</u> and <u>T. colubriformis</u>. Proc. Helm. Soc. Wash. 39(1):46-51.
- Wilski, A. and J. Giebel. 1971. The destruction of indoleacetic acid in root of potatoes susceptible and resistant to <u>Heterodera rostochiensis</u>. Bulletin De L'Academie Polonaise Des Sciences Cl. V. XIX(12):815-819.
- 1972. Phenolics in potato roots and their influence on susceptible-resistant reactions to <u>Heterodera rostochiensis</u>. Bulletin De L'Academie Polonaise Des Sciences Ser. V. XX(1):55-62.
- Winslow, R. D. and L. A. McKenna. 1972. Comparative rates of development of strains of potato cyst nematode, <u>Heterodera rostochiensis</u> in outdoor pot experiments. No. Irel. Minist. Agr. Rec. Agric. Res. 20:17-20.
- Wright, D. J. and L. Smith. 1972. Aspects of nitrogen catabolism in Panagrellus redivivus L. (Goodey, 1945). (Abstract). XIth International Symposium of Nematology, Reading. p. 81.
- Wyss, U. 1972. Observations on the embryogenesis of <u>Trichodorus similis</u>. (Abstract). XIth International Symposium of Nematology, Reading. p. 82.
- Yeates, G. W. 1970. The diversity of soil nematode faunas. Pedobiologia 10:104-107.
- 1971. Feeding types and feeding groups in plant and soil nematodes. Pedobiologia 11:173-179.
- Zuckerman, B. M., S. Himmelhoch, and M. Kisiel. 1972. Age-related changes in the fine structure of the cuticle in <u>Caenorhabditis</u> <u>briggsae</u>. (Abstract). J. Nematol. 4(4):237-238.
- Zuckerman, B. M., B. Nelson, and M. Kisiel. 1972. Specific gravity increase of <u>Caenorhabditis</u> <u>briggsae</u> with age. J. Nematol. 4(4):261-262.
- Zuckerman, B. M., S. Himmelhoch, and M. Kisiel. 1973. Fine structure of changes in the cuticle of adult <u>Caenorhabditis</u> <u>briggsae</u> with age. Nematologica 19(1):109-112.

Zuckerman, B. M., S. Himmelhoch, and M. Kisiel. 1973. Unusual mitochondrial cristae in the vinegar eelworm. The Journal of Cell Biology 58:476-480.

## ECOLOGY

Banyer, R. J. and J. M. Fischer. 1971. Effect of temperature on hatching of eggs of <u>Heterodera</u> avenae. Nematologica 17(4):519-534.

Barker, K. R. and L. A. Nelson. 1972. Relationships of soil temperature, moisture, and season to population changes of <u>Meloidogyne incognita</u> as determined by four assay procedures. (Abstract). Phytopathology 62(8): p. 801.

Berbec, Edward. 1972. The investigations on appearence and harmfulness caused by northern root-knot nematode Meloidogyne hapla Chitwood on carrots. Prace Komisji Nauk Rolniczych I Biologicznych IX(15):3-32.

Berge, J. B., A. Dalmasso, and A. Kermarrec. 1973. Etude des fluctuations des populations d'une nematofaune prairiale. Revue D' Ecologie Et De Biologie Du Sol 10(2):271-285.

Bird, Alan F. 1972. Influence of temperature on embryogenesis in Meloidogyne javanica. J. Nematol. 4(3):206-213.

Boyd, F. T. and Perry, V. G. 1970. Effects of seasonal temperatures and certain cultural treatments on sting nematodes in forage grass. Soil Crop Sci. Soc. Fla. Proc. 30:360-365.

Brzeski, Michal W. 1971. Nematodes associated with cabbage in Poland. IV. Experiment with Tylenchorhynchus dubius Butschli. Zeszyty Problemowe Postepow Nauk Rolniczych 121:107-111.

1971. Nematodes associated with cabbage in Poland. VII. General ecological observations. Zeszyty Problemowe Postepow Nauk Rolniczych 121:125-132.

Brzeski, Michal W. and Elaine K. Hendricks. 1971. The overwintering and hatching of <u>Meloidogyne hapla</u> Chitw. Zeszyty Problemowe Postepow Nauk Rolniczych 121:235-244.

Buecher, Edward J. and Eder Hansen. 1970. Environmental effects of nematodes in axenic culture. (Abstract). The Journal of Parasitology 56(4):p. 41.

Burns, Nancy and D. C. Norton. 1970. Influence of soil pH on nematode populations associated with soybeans. (Abstract). The Journal of Parasitology 56(4):p. 43.

Caveness, F. E. 1972. Changes in plant parasitic nematode populations of newly cleared land. (Abstract). Nematropica 2(1):1-2.

Cayrol, Jean-Claude. 1971. Fluctuations observees dans les populations de nematodes cavernicoles en fonction de la pluviometrie. 96<sup>e</sup> Congres national des societes savantes, Toulouse III:157-164.

biologique des sols. Influence des traitements nematicides. Les Nematodes Des Cultures. 69-142.

Cayrol, J. C. and M. M. B'Chir. 1972. Sur le role des champignons predateurs de nematodes dans l'equilibre biologique des sols. Comptes rendus des seances de la Societe de Biologie. Extrait du Tome 166(6-7): 7 pages.

Cohn, E. and R. Auscher. 1971. Seasonal occurrence of <u>Longidorus</u> vineacola on celery in Israel and its control. Israel J. agric. Res. 21(1):23-25.

Cooke, D. A. 1973. The effect of plant parasitic nematodes, rainfall and other factors on docking disorder of sugar beet. Pl. Path. 22 (4):161-170.

Cotten, J. and Christine Tuppen. 1972. Population studies with Longidorus macrosoma under annual and short and long-term perennial cropping regimes. (Abstract). XIth International Symposium of Nematology, Reading. 13-14.

Croll, N. A. and A. Zullini. 1972. Observations on the bionomics of the freshwater nematode <u>Chromadorina</u> <u>bioculata</u>. J. Nematol. 4(4):256-260.

Dalmasso, A. 1970. Influence directe de quelques facteurs ecologiques sur l'activite biologique et la distribution des especes Françaises de la famille des Longidoridae (Nematoda--Dorylaimida). Ann. Zool Ecol. anim. 2(2):163-200.

Domurat, Krystyna. 1970. Nematode communities occurring in spring barley crops. Ekologia Polska XVIII(34):681-740.

Fedorko, Alicja. 1971. Studies on the viability in soil of invasive nematode larvae of the genera <u>Pristionchus</u> and <u>Neoaplectana</u>. Zeszyty Problemowe Postepow Nauk Rolniczych 121:227-233.

Ferris, Virginia R. and J. M. Ferris. 1972. Nematode community dynamics in natural and disturbed environments. (Abstract). XIth International Symposium of Nematology, Reading. 21-22.

- Franklin, Mary T., Sybil A. Clark and Janet A. Course. 1971. Population changes and development in <u>Meloidogyne</u> <u>naasi</u> in the field. Nematologica 17(4):575-590.
- Gay, C. M. and G. W. Bird. 1973. Influence of concomitant <u>Pratylenchus</u> brachyurus and <u>Meloidogyne</u> spp. on root penetration and population dynamics. J. Nematol. 5(3):212-217.
- Golden, Jimmy K., W. M. Powell, and Floyd F. Hendrix, Jr. 1972. The influence of storage temperature on recovery of <u>Pythium</u> spp. and <u>Meloidogyne</u> <u>incognita</u> from field soils. Phytopathology 62(8):819-823.
- Gonzalez, Alejandro Palomo. 1972. Sobre algunos nematodos muscicolas de la zona de Ledesma (prov. Salamanca). Instituto De Biologia Aplicada LII:107-119.
- Good, J. M. 1972. Bionomics and integrated control of plant parasitic nematodes. Journal of Environmental Quality 1(4):382-386.
- Gotoh, Akira. 1971. Root-knot nematodes of the hilly grasslands in Aso-Kudju Plateau, Southern Japan. Proc. Assoc. Pl. Prot. Kyushu 17: 78-80.
- Gotoh, Akira, Zen-ichi Sano and Nozomu Minagawa. 1973. Prediction of the time of emergence of the next generation of the southern root-knot nematode Meloidogyne incognita, with thermal constants for development from infection. Proc. Assoc. Pl. Prot. Kyushu 19:124-127.
- Griffin, G. D. 1972. Infection of alfalfa by <u>Ditylenchus dipsaci</u> as affected by thermal acclimatization of the nematode. (Abstract). Phytopathology 62(7):p. 761.
- Griffin, G. D. and O. J. Hunt. 1972. Effects of temperature and inoculation timing on the Meloidogyne hapla/Corynebacterium insidiosum complex in alfalfa. J. Nematol. 4(1):70-71.
- Gupta, J. C. and A. S. Atwal. 1972. Biology and ecology of <u>Hoplolaimus indicus</u> (Hoplolaiminae: Nematoda). 3. Influence of population density on tomato and citrus plants. (Abstract). XIth International Sumposium of Nematology, Reading. p. 26.
- Hallas, Thorkil and Gregor W. Yeates. 1972. Tardigrada of the soil and litter of a Danish beech forest. Pedobiologia 12:287-304.
- Hamblen, M. L., D. A. Slack, and R. D. Riggs. 1972. Temperature effects on penetration and reproduction of soybean-cyst nematode. (Abstract). Phytopathology 62(7):p. 762.

Hansen, Eder L., Edward J. Buecher and Evageline A. Yarwood. 1972. Sex differentiation of <u>Aphelenchus avenae</u> in axenic culture. Nematologica 18(2):253-260.

Harrison, R. E. and J. L. Murad. 1972. Effects of annual prescribed burning on nematode populations from a Louisiana pine forest. (Abstract). J. Nematol. 4(4):225-226.

Hoffmann, John K. and Don C. Norton. 1973. Distribution patterns of Criconema and Criconemoides in prairie, oak-hickory, hemlock-hardwood, boreal forest and tundra communities. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 1091.

Högger, Ch. 1972. Effect of <u>Trichodorus christiei</u> inoculum density and growing temperatures on growth of tomato roots. J. Nematol. 4(1):66-67.

Hollis, J. P. 1973. Ecologic significance of nematodes in soils. (Abstract). Phytopathology 63(4):p. 443.

Huang, C. S., S. P. Huang, and L. H. Lin. 1972. The effect of temperature on development and generation periods of <u>Aphelenchoides</u> besseyi. Nematologica 18(4):432-438.

Inagaki, Haruo and Masaaki Tsutsumi. 1971. Survivial of the soybean cyst nematode <u>Heterodera glycines</u> Ichinohe (Tylenchida: Heteroderidae) under certain storing conditions. Appl. Ent. Zool. 6(4):156-162.

Irizarry, Heber, W. Robert Jenkins and Norman F. Childers. 1971. Interaction of soil temperature and Meloidogyne spp. on resistance of the common bean, Phaseolus vulgaris L. to the root-knot disease. Nematropica 1(2):41-42.

Ishibashi, Nobuyoshi, Eizo Kondo, Minoru Muraoka, and Tamio Yokoo. 1973. Ecological significance of dormancy in plant parasitic nematodes. I. Ecological difference between eggs in gelatinous matrix and cyst of Heterodera glycines Ichinohe (Tylenchida: Heteroderidae). Appl. Ent. Zool. 8(2):53-63.

Jahn, E. 1970. Ergebnisse von bodentieruntersuchungen. Anz. Schädlingsk. 43(3):41-47.

Jatala, Parviz and C. C. Russell. 1972. Nature of sweet potato resistance to Meloidogyne incognita and the effects of temperature on parasitism. J. Nematol. 4(1):1-7.

Jimenez, M. F. 1972. Seasonal fluctuations of <u>Radopholus similis</u> in the banana growing area of Pococi, Costa Rica. (Abstract).

Nematropica 2(1):6.

Jimenez, M. F. 1972. Fluctuations anules de la poblacion de <u>Radopholus</u> similis en la zona bananera de Pococi, Costa Rica. Nematropica 2(2):33-40.

Jiminez-Millan, F. and D. Jimenez Guirado. 1972. A study of the nematoda of high mountains: Sierra, Nevada, Spain. (Abstract). XI International Symposium of Nematology, Reading. p. 33.

Johnson, S. R., V. R. Ferris, and J. M. Ferris. 1972. Nematode community structure of forest woodlots. 1. Relationships based on similarity coefficients of nematode species. J. Nematol. 4(3):175-183.

community structure in forest woodlots. II. Ordination of nematode communities. J. Nematol. 5(2):95-107.

Joshi, M. M. 1973. Specific mocrobial food chains and soil classification. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1092.

Kämpfe, Lothar. 1972. Informationswechsel zwischen phytonematoden und ihrer umwelt. Sonderdruck aus Biologische Rundschau 10(4):230-242.

Kashio, Tomotoshi and Tamio Yokoo. 1972. Studies on the nemic-fauna of soil of the mulberry plant field in Kyushu. III. On the life history of pin nematode, <u>Paratylenchus aciculus</u> Brown, 1959. Agr. Bull. of Saga Univ., Saga, Japan 32:57-61.

1972. Studies of the nemic-fauna of soil of the mulberry plant field in Kyushu. IV. On the host plant of pin nematode, <u>Paratylenchus</u> aciculus Brown, 1959. Agr. Bull. of Saga Univ., Saga, Japan 32:63-66.

Kermarrec, A. 1971. Analyse de la structure de la nematofaune des composts a champignons de couche. Mededelingen Fakulteit Landbouw. Wetenschappen Gent 36(3/4):915-922.

Kermarrec, A. and C. Scotto La Massese. 1972. New data on the composition and dynamics of the nematofauna in French West Indian soils. Ann. Zool. -Ecol. anim. 4(4):513-527.

Khan, Abrar M., Azra Adhami and S. K. Saxena. 1971. Population changes of some stylet-bearing nematodes associated with mango (Mangifera indica L). Indian J. Nematol. 1(2):99-105.

Kinloch, R. A. and M. W. Allen. 1972. Interaction of Meloidogyne hapla and M. javanica infecting tomato. J. Nematol. 4(1):7-16.

- Koliopanos, C. N. and A. C. Triantaphyllou. 1972. Effect of infection density on sex ratio of <u>Heterodera glycines</u>. Nematologica 18(1):131-137.
- Koshy, P. K. and Gopal Swarup. 1971. Factors affecting emergence of larvae from cysts of <u>Heterodera cajani</u> Koshy, 1967. Indian J. Nematol. 1(2):209-219.
- Krishnamurty, G. V. G. and N. A. Elias. 1971. Studies on certain environmental relations of root-knot nematodes. Indian J. Nematol. 1(2):244-245.
- Krnjaic, D. and S. Krnjaic. 1972. Influence of some factors on the distribution of nematodes in soil. (Abstract). XIth International Symposium of Nematology, Reading. p. 39.
- Mankau, R. and Diana W. Freckman. 1973. Population ecology of nematodes in desert soils. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 1090.
- Martin, George C., Alison M. Owen, and Jennifer I. Way. 1973. Nematodes figs, and wasps. J. Nematol. 5(1):77-78.
- Miller, L. I. 1972. The influence of soil texture on the survival of Belonolaimus longicaudatus. (Abstract). Phytopathology 62(6):670-671.
- Misra, Sohan Lal. 1969. Survival of free living second stage larvae of Tylenchulus sp. at different moisture. Allahabad Fmr. 43:7-9.
- Moussa, F. 1971. Light-induced penetration of tomato-D roots by Heterodera rostochiensis larvae. Meded Fac Landbouwwet Rijksuniv Gent 36(3):923-927.
- Heterodera rostochiensis larvae. Mededlingen Fakulteit Landbouw. Wetenschappen Gent. 36(3/4):923-927.
- Moussa, F. F., A. T. de Grisse, and A. Gillard. 1972. The effect of light on the attractiveness of tomato seedlings to larvae of the golder cyst nematode <u>Heterodera rostochiensis</u>. Mededlingen Fakulteit Landbow Wetenschappen Gent 37(1):315-321.
- Murad, J. L. 1972. Effects of prescribed burning on population dynamics of pine forest soil nematodes. (Abstract). XIth Internation Symposium of Nematology, Reading. 46-47.
- Nelmes, A. J. 1972. The effects of food deprivation on the hunger of the predactions soil nematode <u>Prionchulus punctatus</u>. (Abstract). XIth International Symposium of Nematology, Reading. p. 47.

- Norton, D. C. and J. K. Hoffman. 1973. Distribution of Helicotylenchus platyurus, Xiphinema americanum, and X. chambersi as related to forest vegetation and edaphic factors. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0558.
- O'Bannon, J. H., J. D. Radewald, and A. T. Tomerlin. 1972. Population fluctuation of three parasitic nematodes in Florida citrus. J. Nematol. 4(3):194-199.
- Oyekan, Peter O. and J. E. Mitchell. 1972. The role of <u>Pratylenchus</u> penetrans in the root rot complex of canning pea. Phytopathology 62(3):369-373.
- Palomo, Alejandro Gonzalez. 1972. Sobre algunos nematodos muscicolas de la zona de Ledesma (prov. Salamanca). Instituto De Biologia Aplicada LII:107-119.
- Ponchillia, Paul E. 1972. <u>Xiphinema americanum</u> as affected by soil organic matter and porosity. J. Nematol. 4(3):189-193.
- Ponin, I. Ya., Guskova, L. A. and Gladkaya, R. M. 1971. Effects of a soil infestation by the potato nematode on yield of a resistant potato hybrid. Bulletin of the All-Union Scientific Research Institute of Plant Protection, Leningrad 20:33-34.
- Rao, Y. Seshagiri and P. Israel. 1972. Influence of inoculum density on the final population of root-knot nematode (Meloidogyne graminicola) in rice. Indian J. Nematol. 2(1):72-76.
- Rebois, R. V. 1973. Effect of soil temperature on infectivity and development of Rotylenchulus reniformis on resistant and susceptible soybeans, Glycine max. J. Nematol. 5(1):10-13.
- 1973. Effect of soil water on infectivity and development of Rotylenchulus reniformis on soybean, Glycine max. J. Nematol. 5(4):246-249.
- Reynolds, H. W., J. H. O'Bannon, A. T. Tomerlin, E. L. Nigh, Jr., and D. R. Rodney. 1970. The influence of various ecological factors on survival of <u>Tylenchulus semipenetrans</u>. Soil and Grop Science Society of Florida 30:366-370.
- Rossner, J. 1972. Vertikalverteilung wandernder wurzelnematoden im boden in abhängigkeit von wassergehalt und durchwurzelung. Nematologica 18(3):360-372.
- Saeed, Manzoor, Shahnaz Masood, and A. M. Khan. 1972. Population dynamics of <u>Hoplolaimus</u> sp. at various levels of soil moisture. Sci. Ind. 9(1&2):88-90.

- Saigusa, Toshiro, Yosuke Yamamoto, and Toshio Yoshihara. 1972. Effect of low temperature on the detection bulb and stem nematode, <u>Ditylenchus dipsaci</u> (Kuhn) Filipjev of narcissus from field soil in summer. Research Bulletin of the Plant Protection Service Japan 10:1-7.
- Sayre, Richard M. 1971. Biotic influence in soil environment. Plant Parasitic Nematodes 1:235-256.
- Saxena, P. K., H. K. Chhabra and Sneh Lata. 1973. On the ecology and vertical distribution of <u>Helicotylenchus elegans</u> Roman. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1093.
- Schmitt, D. P. and D. C. Norton. 1972. Relationships of plant parasitic nematodes to sites in native Iowa prairies. J. Nematol. 4(3):200-206.
- Schmitt, D. P. 1973. Soil property influences on <u>Xiphinema americanum</u> populations as related to maturity of loess-derived soils. J. Nematol. 5(4):234-240.
- Seinhorst, J. W. 1972. The influence of degree of irregularity of the distribution of nematode populations in soil and roots and of variations of tolerance between plants on the applicability of the equation y=m+(1-m) zp-t to the relation between nematode density and yield. (Abstract). XIth International Symposium of Nematology, Reading. 63-64.
- 1972. The relationship between yield and square root of nematode density. Nematologica 18(4):585-590.
- Simons, W. R. 1973. Nematode survival in relation to soil moisture. Mededelingen Landbouwhogeschool Wageningen Nederland 73(3):1-85.
- Sivakumar, C. V. and A. R. Seshadri. 1972. Effect of soil texture on the reniform nematode, <u>Rotylenchulus reniformis</u>. Indian J. Nematol. 2(1):83-86.
- Slack, D. A., R. D. Riggs, and M. L. Hamblen. 1972. The effect of temperature and moisture on the survival of <u>Heterodera glycines</u> in the absence of a host. J. Nematol. 4(4):263-266.
- Southards, C. J. and B. C. Nichols. 1972. Population dynamics of Meloidogyne incognita in a tobacco monoculture:effect of winter cover crops. (Abstract). J. Nematol. 4(4):234-235.
- Southey, J. F. and P. Aitkenhead. 1972. Soil-borne pests and pathogens associated with imported plants, with special reference to nematodes. OEPP/EPPO Bull. 7:49-59.

Symalla, H. J. 1972. Influence of different crops on TRV-infectivity and population density of <u>Trichodorus</u>. (Abstract). XIth International Symposium of Nematology, Reading. 73-74.

Szczygiel, Adam. 1971. Occurrence of predatory nematodes of the Mononchidae family in cultivated soils in Poland. Zeszyty Problemowe Postepow Nauk Rolniczych 121:145-148.

Szczygiel, Adam and Helena Hasior. 1971. Possibility of persistence of leaf and bud nematodes (Aphelenchoides fragariae) on strawberry plants and in the soil. Zeszyty Problemowe Postepow Nauk Rolniczych 121:101-106.

1972. Vertical distribution of plant parasitic nematodes in the soil of strawberry plantation. Institute of Ecology-Polish Academy of Sciences XX(37):493-506.

Tarjan, A. C. and M. F. Jimenez. 1973. Debilitation of cacao in Costa Rica by plant nematodes. Nematropica 3(1):25-28.

Thornely, J. H. M. and J. J. Hesling. 1972. Models describing sex ratio data in <u>Heterodera rostochiensis</u>. I. Environmentally determined sex. Nematologica 18(4):563-570.

Townshend, J. L. 1972. Influence of edaphic factors on penetration of corn roots by <u>Pratylenchus penetrans</u> and <u>P. minyus</u> in three Ontario soils. Nematologica 18(2):201-212.

1973. Survival of <u>Pratylenchus penetrans</u> and <u>P. minyus in two Ontario soils.</u> Nematologica 19(1):35-42.

Triantaphyllou, A. C. and Hedwig Hirschmann. 1973. Environmentally controlled sex expression in <u>Meloidera floridensis</u>. J. Nematol. 5(3): 181-185.

Upadhyay, R. S., M. Oostenbrink, and Abrar M. Khan. 1972. The effect of different soil types on the density of nematode populations. Indian J. Nematol. 2(1):42-53.

Wasilewska, Lucyna. 1971. Influence of the age of alfalfa culture on the numbers of parasitic species of nematodes in plants and soils. Zeszyty Problemowe Postepow Nauk Rolniczych 121:133-138.

1971. Nematodes in a young pine plantation in the Laski forest administration district of the Kampinos forest. Zeszyty Problemowe Postepow Nauk Rolniczych 121:159-167.

- Wasilewska, Lucyna. 1971. Nemtodes of the dunes in the Kampinos forest. II. Community structure based on numbers of individuals, state of biomass and respiratory metabolism. Ekologia Polska XIX(38):651-688.
- Wehunt, E. J. 1972. Influence of temperature on infection of Meloidogyne incognita acrita on 'nemaguard' peach seedlings. Plant Dis. Reptr. 56(4):305-308.
- Williams, T. D. 1972. The effects of temperature and cereal root exudates on the hatch of <u>Heterodera avenae</u>. (Abstract). XIth International Symposium of Nematology, Reading. p. 80.
- Willis, C. B. 1972. Effects of soil ph on reproduction of <u>Pratylenchus</u> penetrans and forge yield of alfalfa. J. Nematol. 4(4):291-295.
- Wong, T. K. and W. F. Mai. 1973. <u>Meloidogyne hapla</u> in organic soil: Effects of environment on hatch, movement and root invasion. J. Nematol. 5(2):130-138.
- 1973. Effect of temperature on growth, development and reproduction of Meloidogyne hapla in lettuce. J. Nematol. 5(2):139-142.
- Yadav, B. S. and A. C. Verma. 1972. Effect of season and crop on the population of certain species of parasitic nematodes. (Abstract). XIth International Symposium of Nematology, Reading. 83-84.
- Yeates, G. W. 1972. Constancy of specific soil nematode dimensions with depth and time. Nematologica 18(3):p. 418.
- 1972. Population studies on <u>Ditylenchus dipsaci</u> (Nematoda: Tylenchida) in a Danish beech forest. Nematologica 18(1):125-130.
- 1972. Nematoda of a Danish beech forest. I. Methods and general analysis. Oikos 23:178-189.
- Yokoo, Tamio, Eizo Kondo, and Kiroto Hokazono. 1973. Studies on the nemic-fauna of soil of the mulberry plant fields in Kyushu. 5. On the seasonal occurrence of the ecto-parasitic nematodes, pin nematode, and spiral nematode in soil of the mulberry plant field in the northeastern region of Saga city. Agricultural Bulletin of Saga University, Saga, Japan. 35:7-13.
- Zullini, Aldo. 1971. Studio sulle variazioni del popolamento nematologico in un muschio. Rendiconti (B) 105:89-106.

Zulliní, Aldo. 1972. Effetti dell' insolanzione su un popolamento nematologico muscicolo. Instituto Lombardo di Scienze e Lettere 106;197-203.

## DISEASE ASSOCIATIONS

Altman, Jack, A. K. Eslmai, and A. Vaziri. 1972. Disease of crops in the Khuzestan province of southwestern Iran. Plant Dis. Reptr. 56(12):1067-1069.

Barker, K. R. 1972. Correlations of initial densities of <u>Meloidogyne</u> incognita on tomato with yield and incidence of early blight. (Abstract). Phytopathology 62(8):p. 801.

Barker, K. R., D. Huisingh, and S. A. Johnston. 1972. Antagonistic interaction between <u>Heterodera glycines</u> and <u>Rhizobium</u> japonicum on soybean. Phytopathology 62(10):1201-1205.

Barham, R. O. 1972. Effect of nematodes and <u>Phytophthora cinnamomi</u> on mycorrhizae of shortleaf pine seedlings. (Abstract). Phytopathology 62(8):801.

Bergeson, Glenn B. 1972. Parasitological Review. Concepts of nematode-fungus associations in plant disease complexes: A review. Experimental Parasitology 32:301-314.

Blair, Gaston P. 1970. Studies on red ring disease of the coconut palm. Oleagineux 25(1):19-22.

palm. Oleagineux 25(2):79-83.

Bloom, J. R. and L. L. Burpee. 1973. Root knot causes reduced root pressure in some toamto varieties. (Abstract). Phytopathology 63(2):p. 199.

Bloom, J. R., S. H. Smith, and R. F. Stouffer. 1972. Evidence that <u>Xiphinema</u> americanum transmits the causal agent of <u>Prunus</u> stem pitting. (Abstract). Phytopathology 62(6):667-668.

Bloomberg, W. J. and Jack R. Sutherland. 1971. Phenology and fungus-nematode relations of corky root disease of Douglas-fir. Ann. appl. Biol. 69(3):265-276.

Bonifacio, Annarosa and Anna Marinari Palmisano. 1970-71. Su alcune associazioni di nematodi saprobionti con germinelli di grano e sulle relazioni intercorrenti con <u>Fusarium solani</u> mart. E con la microflora del seme. Redia. 259-272.

- Carter, William W. 1973. Interaction between <u>Meloidogyne incognita</u> and <u>Rhizoctonia solani</u> in seedling disease of cotton. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0853.
- Cayrol, J. C. 1971. Etat actuel des connaissances sur les nematodes parasites des cultures de chrysanthemes. Journne D'Etude Sur Le Chrysantheme. 29-44.
- 1971. Possibilites d'utilisation de souches resistantes d'agaricus bisporus dans la lutte contre le nematode mycophage Ditylenchus myceliophagus Goodey 1958. VIIIth Intern. Congr. Mushroom Science, Lond. Sept. 1971. 631-640.
- et les autres organismes pathogens de la rhizosphere. OEPP/EPPO Bulletin 3(1):49-54.
- Chaves, G. M. 1956. Ocorrencia de "anel-vermelho" no estado do Rio de Janeiro. (Occurrence of "yellow ring" in the State of Rio de Janeiro.) Rev. da Soc. Bras de Agron. Rev. 12(1/2):69-71.
- Colè, H., Jr., L. B. Forer, Paul E. Nelson, J. R. Bloom, and Mildred H. Jodon. 1973. Stylet nematode genera and <u>Fusarium</u> species isolated from Pennsylvania turfgrass sod production fields. Plant Dis. Reptr. 57(10): 891-895.
- Conroy, J. J., R. J. Green, Jr., and J. M. Ferris. 1972. Interaction of <u>Verticuillium alboatrum</u>, and the root lesion nematode, <u>Pratylenchus penetrans</u>, in tomato roots at controlled inoculum densities. Phytopathology 62(3):362-366.
- Converse, R. H. and A. D. Davison. 1972. Viruses in red raspberry in western Washington. Plant Dis. Reptr. 56(11):1007-1009.
- Dale, W. T. and E. B. Brown. 1973. NEPO viruses in raspberries in the west midlands. Pl. Path. 22(2):65-66.
- Dalmasso, A., G. Branca-Lacombe, and M. C. Munck-Cardin. 1971. Role des nematodes dans la dissemination et le developpement des maladies de plantes. Les Nematodes Des Cultures. 143-189.
- Dalmasso, A., J. Joubert, and M. C. Munck-Cardin. 1971. Quelques données sur une maladie de la pomme de terre. Academie D'Agriculture E France. 1427-1432.
- Dalmasso, A., D. Boubals, M. Bongiovanni and R. Pistre. 1972. Distribution des nematodes propagateurs de court-noue dans les vignoble mediterraneens français. Le Progres Agricole et Viticole 19:456-462.

- Eid, S. A. 1972. A new citrus disease complex in Tanzania. Plant Dis. Reptr. 56(4):318-319.
- Esser, R. P. 1971. Nematode caused root lesions. Fla. Dept. of Agr. & Cons. Serv. Nematology Circular No. 10. 1 page.
- Fassuliotis, G. and P. D. Dukes. 1972. Disease reactions of Solanum melongena and S. sisymbrifolium to Meloidogyne incognita and Verticillium albo-atrum. (Abstract). J. Nematol. 4(4):222-223.
- Gentzsch, D. 1972. Untersuchugen über die Ursachen des Schadauftretens von Stenglenematoden (<u>Ditylenchus dipsaci</u>) im Kreise Borna bei erstmaligem Anbau von Speisezwiebeln. "Probleme der Phytonematologie" Groß Lüsewitz. 12-22.
- Gerasimov, B. A. and E. A. Osnitskaya. 1957. Pests and disease of vegetables crops. State Publishing House for Agricultural Literature 15:1-97.
- Glover, L. B. and P. M. Halisky. 1973. Disease problems in coastal vegetation in New Jersey. (Abstract). Phytopathology 63(2):p. 201.
- Golden, J. K. and S. D. Van Gundy. 1972. Influence of Meloidogyne incognita on root rot development by Rhizoctonia solani and Thielaviopsis basicola in tomato. (Abstract). J. Nematol. 4(4):p. 225.
- Guerout, R. 1972. Relationship between infestation with <u>Radopholus</u> <u>similis</u> and banana plant growth. Fruits (Paris) 27(5):331-337.
- Gupta, Pramila and Gopal Swarup. 1972. Ear-cockle and yellow ear-rot disease of wheat: II. Nematode bacterial association. Nematologica 18(3):320-324.
- Halk, E. L. and J. M. McGuire. 1973. Translocation of tobacco ringspot virus in soybean. Phytopathology 63(10):1291-1300.
- Heathcote, G. D. 1973. Nematode-transmitted viruses of sugar beet in England, 1965 1972. Pl. Path. 22(4):156-160.
- Henderson, R. G. and J. F. Chaplin. 1973. Reaction of some tobacco breeding lines to the veinal-necrosis strain of potato virus. (Abstract). Phytopathology 43(4):442-443.
- Hollings, M. and Olwen M. Stone. 1972. Tomato ringspot virus in pelargonium in England. Pl. Path. 21(1):46-47.
- van Hoof, H. A. 1971. Viruses transmitted by <u>Xiphinema</u> species in the Netherlands. Neth. J. Pl. Path. 77:30-31.

Hooper, D. J. and C. C. Doncaster. 1972. Stem and inflorescence galls on yarrow (Achillea millefolium L.) caused by the nematode Anguina millefolii (L8w, 1874) Filipjev, 1936. Pl. Path. 21(1):p. 46.

Hunter, J. E., W. H. Ko, R. K. Kunimoto, and T. Higaki. 1972. A foliar disease of Anthurium seedlings caused by Aphelenchoides fragariae. (Abstract). Phytopathology 62(7): p. 767.

Hutton, Dave G., Robert E. Wilkinson, and William F. Mai. 1973. Effect of two plant-parasitic nematodes on <u>Fusarium</u> dry root rot of beans. Phytopathology 63(6):749-751.

Keplinger, J. A. and A. J. Braun. 1973. Transmission of tomato ringspo virus to raspberry by <u>Xiphinema americanum</u>. (Abstract). Phytopathology 63(2):202-203.

Khadr, A. S., A. A. Salem, and B. A. Oteifa. 1972. Varietal susceptibility and significance of the reniform nematode, Rotylenchulus reniformis, in fusarium wilt of cotton. Plant Dis. Reptr. 56(12):1040-1042.

Khan, Abrar M., S. K. Saxena and M. Wajid Khan. 1971. Interaction of Rhizoctonia solani Klihn and Tyelnchorhynchus brassicae Siddiqi, 1961 in pre-emergence damping-off of cauliflower seedlings. Indian J. Nematol. 1(1):85-86.

Lownsbery, B. F., W. H. English, E. H. Moody, and F. J. Schick. 1972. Development of stem cankers in peach trees inoculated with ring nemato <a href="Pythium">Pythium</a> spp., and <a href="Pseudomonas syringae">Pseudomonas syringae</a>. (Abstract). Phytopathology 62(7):p. 774.

1971

Criconemoides xenoplax experimentally associated with a disease of peach. Phytopathology 63(8):994-997.

McGuire, J. M. and I. R. Schneider. 1973. Transmission of satellite tobacco ringspot virus by <u>Xiphinema americanum</u>. Phytopathology 63(11):1429-1430.

McGuire, J. M. 1973. Retention of tobacco ringspot virus by Xiphine americanum. Phytopathology 63(2):324-326.

Mamiya, Y. 1972. Pine wood nematode, <u>Bursaphelenchus lignicolus</u> Ma and Kiyohara, as a causal agent of pine wilting disease. Review of Plant Protection Research 5:46-60.

Melendez, P. L. 1972. The <u>Pythium</u> root-knot complex in fluecured tobacco. Nematropica 2(1):12-13.

- Mendoza, N. Marban. 1973. Some observations on the red-ring nematode (Rhadinaphelenchus cocophilus Cobb) in the states of Guerrero and Oaxaca, Mexico. Nematropica 3(2):50-51.
- Merny, G. and J. C. Mauboussin. 1973. Action possible des nematodes dans le rabougrissement ou (clump) de l'arachidae au Sengegal. Nematologica 19(3):406-408.
- Michell, R. E. and W. M. Powell. 1972. Influence of <u>Pratylenchus</u> brachyurus on the incidence of <u>Fusarium</u> wilt in cotton. Phytopathology 62(3):336-338.
- Monoson, H. L., Galsky, A., Griffin, J. A., and J. J. McGrath. 1972. Characterisitics of a nematode-attracting substance obtained from two predaceous fungi. (Abstract). Am. J. Bot. 59(6 Part 2):p. 669.
- Mukhopadhyaya, M. C., M. R. Dalal, Shakuntala Saran, and S. S. Kharub. 1972. Studies on the 'molya' disease of wheat and barley. Indian J. Nematol. 2(1):11-20.
- MUller, J. 1972. Interactions between <u>Pratylenchus penetrans</u> and <u>Verticillium albo-atrum</u>. (Abstract). XIth International Symposium of Nematology, Reading. 45-46.
- 1973. Vergleichende versuche über den <u>Verticillium-Pratylenchus-krankheitskomplex</u> unter sterilen und unsterilen bedingungen. Nematologica 19(3):249-258.
- Ooostenbrink, M. 1969. Plant nematodes -- Proofs of pathogenicity. Reprinted from Nematodes of Tropical Crops. Technical Communication No. 40, Commonwealth Agricultural Bureaux. 3 pages.
- Orion, D. and D. Zutra. 1971. The effect of the root-knot nematode on the penetration of crown gall bacteria into almond roots. Israel J. agric. Res. 21(1):27-29.
- Orion, D. 1973. The effect of root-knot nematodes and ethrel on Fusarium wilt of tomatoes. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0854.
- Oteifa, B. A. and A. Y. Elgindi. 1972. Interrelationships of Rotylenchulus reniformis, Fusarium oxysporum f. vasinfectum and potassium nutrition of cotton, Gossypium barbadense. (Abstract). XIth International Symposium of Nematology, Reading. p. 53.
- Pitcher, R. S. and D. G. McNamara. 1972. The interrelationships between <u>Xiphinema diversicaudatum</u> and arabis mosaic virus in the etiology of "nettlehead" and related diseases of hops. (Abstract). XIth International Symposium of Nematology, Reading. p. 56.

- Ranney, C. D. 1961. <u>Fusarium</u> wilt of cotton can be controlled with resistant varieties or soil fumigation. Mississippi State Univ. Agr. Expt. Sta. Bul. 615. 1-8.
- Raski, D. J., A. R. Maggenti, and N. O. Jones. 1973. Location of grapevine fanleaf and yellow mosaic virus particles in <u>Xiphinema index</u>. J. Nematol. 5(3):208-211.
- Riffle, Jerry W. 1971. Effect of nematodes on root-inhabiting fungi. Proc. of the First North American Conference on Mycorrhizae-April 1969-Mis. Publication 1189 U.S. Dept. of Agric. Forest Service. 97-113.
- 1973. Effect of two mycophagous nematodes on Armillaria mellea root rot of Pinus ponderosa seedlings. Plant Dis. Reptr. 57(4): 355-357.
- Romascu, Em. 1971. <u>Xiphinema americanum</u> Cobb, 1913 and <u>Xiphinema italiae</u> Meyl, 1953 (Nematoda:Dorylaimidae), new vine pests. An. T.C.P.P. VII:203-209.
- Ruehle, John L. 1973. Nematodes and forest trees-types of damage to tree roots. Annual Review of Phytopathology 11:99-118.
- Schuster, M. L. and Larry J. Wagner. 1972. Control of bacterial can and root knot of hydroponic tomatoes. Plant Dis. Reptr. 56(2):139-14
- Scotto La Massese, C., C. Marenaud, and J. Dunez. 1973. Analyse d'aphenomene de degenerescence du pecher dans la vallee de l'eyrieux. Academie D'Agriculture De France Extraît du proces-verbal de la Seandu. 327-339.
- Shukla, V. N. and Gopal Swarup. 1971. Studies on root knot of vegetables VI. Effect of Sclerotium rolfsii filtrate on Meloidogyne incognita. Indian J. Nematol. 1(1):52-58.
- Sikora, R. A. and E. Schlösser. 1973. Nematodes and fungi associat with root systems of bananas in a state of decline in Lebanon. Plan Dis. Reptr. 57(7):615-618.
- Singh, N. D. 1972. A survey of red ring disease of coconut palm i Grenada, West Indies. Plant Dis. Reptr. 56(4):339-341.

Summer, D. R. and A. W. Johnson. 1973. Effect of root-knot nematodes on Fusarium wilt of watermelon. Phytopathology 63(7):857-861.

Swarup, Gopal and Pramila Gupta. 1971. On the ear-cockle and Tunda diseases of wheat. II. Studies on Anguina tritici (Steinbuch, 1799) Filipjev, 1936 and Corynebacterium tritici (Hutch.) Burkh. Indian Phytopathology XXIV(2):359-365.

Taylor, A. L., H. D. Barker, and O. P. Owens. 1939. Preliminary report on cotton wilt-nematode experiments at Luberton, North Carolina. Phytopathology 29:p. 752.

Valdez, R. B. 1972. Transmission of raspberry ringspot virus by Longidorus caespiticola, L. leptocephalus and Xiphinema diversicaudatum and of arabis mosaic virus by L. caespiticola and X. diversicaudatum. Ann. appl. Biol. 71(3):229-234.

Varga, Jr., J. M. and C. W. Laughlin. 1972. The role of <u>Tylenchorhynchus dubius</u> in the development of <u>Fusarium</u> blight of Merion Kentucky bluegrass. Phytopathology 62(11):1311-1314.

Webster, G. R., W. R. Orchard, and E. J. Hawn. 1972. <u>Paratylenchus</u> <u>projectus</u> in alfalfa fields of central and northern Alberta. Plant Dis. Surv. 52(2):75-76.

Wehunt, E. J. and D. J. Weaver. 1972. Effect of nematodes and <u>Fusarium oxysporum</u> on the growth of peach seedlings in the greenhouse. (Abstract). J. Nematol. 4(4):p. 236.

Yang, Henry, N. T. Powell, and K. R. Barker. 1973. The influence of several nematode species on <u>Fusarium</u> wilt of cotton. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0855.

Zuckerman, B. M., S. Himmelhoch, and M. Kisiel. 1973. Virus-like particles in Dolichodorus heterocephalus. Nematologica 19(1):p. 117.

## HOST-PARASITE RELATIONS

Aboul-Eid, H. Z. 1972. Pathogenicity of <u>Longidorus siddiqii</u> on Egyptian cotton (<u>Gossypium barbadense</u>). Plant Dis. Reptr. 56(8):699-700.

Ambrogioni, Laura and Giovanna Melis Porcinai. 1972. Studio ultrastrutturistico delle cellule giganti prodotte da <u>Heterodera carotae</u> Jones, 1950 (Nematoda: Heteroderidae) in radici di carota. Redia LIII: 437-448.

- Arias, Maria and Maria Dolores Romero. 1972. Nematodes on beet in Spain. (Abstract). XIth International Symposium of Nematology, Reading. p. 1.
- Ayala, Alejandro and Carmen T. Ramirez. 1964. Host-range, distribution, and bibliography of the reniform nematode, Rotylenchulus reniformis, with special reference to Puerto Rico. P.R.U.J. Agricultural 48(2): 140-161.
- Barker, K. R. and C. N. Clayton. 1973. Nematodes attacking cultivars of peach in North Carolina. J. Nematol. 5(4):265-271.
- Bello, A. 1972. Rotylenchulus borealis on citrus (Citrus spp.) in Spain. Nematropica 2(1):11-12.
- Berge, J. 1971. Host quality of some rose's root-stocks towards phytoparasitic nematodes. Mededelingen Fakulteit Landbouw. Wetenschappe Gent 36(3/4):883-888.
- Berge, J. B., A. Dalmasso, and M. Ritter. 1972. Studies on Meloidogyne hapla found in France. (Abstract). XIth International Symposium of Nematology, Reading. p. 2.
- Bhatti, D. S. and J. N. Sasser. 1972. Pathogenicity of <u>Heterodera</u> <u>lespedezae</u> on <u>Kobe lespedeza</u>. Indian J. Nematol. 2(1):25-34.
- Birchfield, W. 1972. Differences in host-cell responses to the renifornematode. (Abstract). Phytopathology 62(7):p. 747.
- cyst nematode, lleterodera graminophila, on grasses. Phytopathology 63(1):38-40.
- Bird, Alan F. 1972. Cell wall breakdown during the formation of syncytia induced in plants by root-knot nematodes. International Journal for Parasitology 2:431-432.
- Bird, G. W. and C. M. Gay. 1973. Influence of host and virulence of Meloidogyne incognita on concomitant populations of Pratylenchus brachyurus. (Abstract). 2nd International Congress of Plant Patholo Minneapolis, Minnesota. p. 0401.

- Brueske, Charles H. and Victor H. Dropkin. 1973. Free phenols and root necrosis in nematex tomato infected with the root knot nematode. Phytopathology 63(3):329-334.
- Brzeski, Michal W. 1971. Nematodes associated with chabbage in Poland. VI. Feeding and reproduction of some species. Zeszyty Problemowe Postepow Nauk Rolniczych 121:121-124.
- Bustillo, B. A. 1972. Influence of <u>Rotylenchulus reniformis</u> infection on replication of cowpea chlorotic mottle virus in 'Davis' soybean. (Abstract). J. Nematol. 4(4):220-221.
- Campbell, W. F. and G. D. Griffin. 1973. Fine structure analyses of stem nematode-induced white flagging in <u>Medicago sativa</u>. J. Nematol. 5(2): 123-126.
- Caubel, G., M. Ritter, and R. Rivoal. 1971. Observations relatives a des attaques du nematode <u>Meloidogyne naasi</u> Franklin sur cereales et graminees fourrageres dans l'quest de la France en 1970. Academie D'Agriculture De Fr. 351-356.
- Caubel, G. 1972. Observations on some conditions influencing stem eelworm attack on maize. (Abstract). XIth International Symposium of Nematology, Reading. p. 7.
- Caubel, G., D. Mugniery and R. Rivoal. 1972. Distribution of the stem nematode <u>Ditylenchus dipsaci</u> (KÜhn) Filipjev, in soil within the centre of attack in red clover. Ann. Zool. Ecol. anim. 4(3):385-393.
- Caubel, G., and R. Rivoal. 1972. Observations on the attacks of two nematodes harmful to corn in 1971. Phytoma. Defense des Cultures Paris 239:15-18.
- Cayrol, J. C. and Simone Combettes. 1972. Etude histopathologique de l'anguillulose des feuilles du chrysantheme sur cultures monoxeniques. (Histopathological study of the chrysanthemum leaves eelworms disease in monoxenic cultures). Ann. Zool. Ecol. anim. 4(2):119-128.
- Chang, Doris C. N., W. F. Campbell, and G. D. Griffin. 1973. Ultrastructure changes induced by stem nematodes in hypocotyl tissue of alfalfa. J. Nematol. 5(3):165-173.
- Chang, Helen Y. and D. J. Raski. 1972. <u>Hemicriconemoides chitwoodi</u> on grapevines. Plant Dis. Reptr. 56(12):1028-1030.
- Chapman, R. A. and D. R. Turner. 1972. Effect of entrant Meloidogyne incognita on reproduction of concomitant Pratylenchus penetrans in red clover. (Abstract). J. Nematol. 4(4):p. 221.

- Chapman, R. A. 1973. Effects of <u>Meloidogyne incognita</u> and <u>Heterodera trifolii</u> on elongation of roots of red clover seedlings. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0402.
- Cook, R. 1972. Reaction of some oat cultivars to Meloidogyne naasi. Pl. Path. 21(1):41-43.
- Corbett, D. C. M. 1972. The effect of <u>Pratylenchus fallax</u> on wheat, barley and sugar beet roots. Nematologica 18(3):303-308.
- Guany, A. and A. Dalmasso. 1972. <u>Heterodera</u> spp. on carnations. (Abstract). XIth International Symposium of Nematology, Reading. p. 15.
- Dao, F. 1972. Influence of different crops on nematode populations. (Abstract). Nematropica 2(1):p. 3.
- Dao, D., F. 1972. Influencia de diferentes cultivos en las poblaciones de nematodos. Nematropica 2(2):30-32.
- Dasgupta, D. R. and A. R. Seshadri. 1972. Effect of age of seedlings and nematode density on host-parasite relationships of Rotylenchulus reniformis and cow pea (Vigna sinensis). (Abstract). XIth International Symposium of Nematology, Reading. p. 16.
- Doncaster, C. C. and M. K. Seymour. 1973. Exploration and selection openetration site by Tylenchida. Nematologica 19(2):137-145.
- DuCharme, E. P. 1972. <u>Kallstroemia maxima</u> a new host of <u>Radopholus</u> similis. Plant Dis. Reptr. 56(1):p. 85.
- Dunn, R. A. and W. F. Mai. 1973. Reproduction of <u>Pratylenchus penetr</u> in roots of seven cover crop species in greenhouse experiments. Plant Dis. Reptr. 57(9):728-730.
- Endo, Burton Y. and William P. Wergin. 1973. Ultrastructural investigation of clover roots during early stages of infection by the root-knot nematode, <u>Meloidogyne</u> incognita. Protoplasma 78:365-379.
- Engel, K. H., H. Stelter and A. Raeuber. 1973. Kennzeichnung von wirtspflazen des karoffelnematoden (<u>Heterodera rostochiensis Woll.</u>). Akademie Der Landwirtschaftswissenschaften Der Deutschen Demokratisch

- Estores, R. A. and Tseh An Chen. 1972. Interactions of <u>Pratylenchus</u> penetrans and <u>Meloidogyne incognita</u> as coinhabitants in tomato. J. Nematol. 4(3):170-174.
- Fassuliotis, George and John R. Deakin. 1973. Stem galls on root-knot nematode resistant snap beans. American Soc. for Horticulture Science 98(5):425-427.
- Fox, J. A. and L. Spasoff. 1972. Interaction of <u>Heterodera solanacearum</u> and <u>Endogone gigantea</u> on toabacco. (Abstract), J. Nematol. 4(4):224-225.
- Freckman, Diana W. and R. A. Chapman. 1972. Infection of red clover seedlings by <u>Heterodera trifolii</u> Goffart and <u>Pratylenchus penetrans</u> (Cobb). J. Nematol. 4(1):23-28.
- Gentzsch, D. 1973. Die vermehrung des zwiebeln schädigenden stengelnematoden (<u>Ditylenchus dipsaci</u>) in unkräutern und schlußfolgerungen für den herbizideinstaz. Akademie Der Landwirtschaftswissenschaften Der Deutschen Demokratischen Republik. 109-120.
- Gill, J. S. and Gopal Swarup. 1971. On the host range of the cereal cyst nematode, <u>Heterodera avenae</u> Woll. 1924, the causal organism of 'Molya' disease of wheat and barley in Rajasthan, India. Indian J. Nematol. 1(1):63-67.
- Gilvonio Vera, Hugo V, and Alberto Martin Ravines. 1971. Study of the effect of inoculum of Meloidogyne acrita Chitwood on Phaseolus vulgaris L. (Abstract). Nematropica 1(2):p. 38.
- Commers, F. J. 1971. The effect of some composites on plant parasitic nematodes in soil. Pharm. Weekblad 106:142-148.
- Griffin, G. D. 1972. Interaction of Meloidogyne hapla and Ditylenchus dipsaci on root knot-resistant alfalfa. (Abstract). Phytopathology 62(10):p. 1103.
- Zio, S. Grimaldi-De and F. Lambert. 1972. Influence of the host on the gonad development of <u>Longidorus africanus</u> Merny. (Abstract). XIth International Symposium of Nematology, Reading. p. 25.
- Grujicic, Gavrilo. 1971. A contribution to the study of the stem nematode (<u>Ditylenchus dipsaci</u> Kühn) with a view of host plants in Serbia. Zastita Bilja (Plant Protection) Belgrade XXII(114):159-171.
- 1972. The influence of the host plant upon the duration of the development cycle and number of generations of Heterodera schachtii Schmidt. (Abstract). XIth International Symposium of Nematology, Reading. 25-26.

- Gunasekarn, C. R. and V. M. Kalyanaraman. 1972. Studies on root knot nematode, <u>Meloidogyne incognita</u> (Kofoid and White, 1919) on tomatoes. Madras Agric. J. 59(5):276-279.
- Heald, C. M. 1973. Pathogenicity and histopathology of <u>Rotylenchulus</u> reniformis on cantaloup (<u>Cucumis melo L.</u>) (Abstract). Nematropica 3(1):p. 5.
- Healy, W. B., J. P, Widdowson, and G. W. Yeates. 1973. Effect of root nematodes on the growth of seedling and established white clover on a yellow-brown loam. N. Z. Journal of Agricultural Research 16(1):70~76.
- Hesling, J. J. 1972. Host plants of tulip stem eelworm (<u>Ditylenchus</u> dipsaci). Pl. Path. 21(3):109-111.
- Hesling, J. J. and P. R. Ellis. 1972. The pathogenicity and increase of <u>Heterodera rostochiensis</u> on tomato cultivars, self-rooted or grafted on to rootstocks. Ann. appl. Biol. 71(3):251-261.
- Heungens, A. R., R. Moermans and A. de Grisse. 1971. Spreiding van Radopholus-aaltjes binnen de wortels van Calathea-planten. Mededelingen Fakulteit Landbouw. Wetenschappen Gent 36(4):1319-1321.
- Högger, Ch. 1973. Preferred feeding site of <u>Trichodorus christiei</u> on tomato roots. J. Nematol. 5(3):228-229.
- Hung, Chia-Ling and R. A. Rohde. 1970. Studies on the host response to Heterodera tabacum. (Abstract). The Journal of Parasitology 56(4): 161-162.
- Interiano, J. D. 1972. Preliminary studies on the association of nematodes with beans (<u>Phaseolus vulgaris</u> L.) at three different plantin; times. (Abstract). Nematropica 2(1):p. 5.

Jatala, Parviz and Harold J. Jensen. 1973. Effects of Meloidogyne hapla and Heterodera schachtii interrelationships on carbohydrates and mineral content of Beta vulgaris. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0403.

Jatala, Parviz, H. J. Jensen, and R. A. Shimabukuro. 1973. Host range of the "grass root-gall nematode," <u>Ditylenchus radicicola</u>, and its distribution in Willamette Valley, Oregon. Plant Dis. Reptr. 57(12): 1021-1023.

Jensen, H. J. and E. K. Vaughan. 1972. Interactions of various nematodes with the club root organism of cabbage. (Abstract). Phytopathology 62(10):p. 1104.

Jensen, Harold J. and Edward K. Vaughan. 1973. Interactions of separate or combined populations of various nematodes with the club root organism of cabbage. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minneapola. p. 0404.

Johnson, A. W. and C. J. Nusbaum. 1973. The activity of <u>Pratylenchus</u> <u>brachyurus</u>, <u>Trichodorus christiei</u>, and <u>Helicotylenchus dihystera</u> in single and multiple inoculations of cotton. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0405.

Jones, F. G. W. and F. Moriarty. 1956. Further observations on the effects of peas, beans and vetch upon soil population levels of pea root eelworm, <u>Heterodera göttingiana</u> Liebscher. Nematologica 1(3):268-272.

Jones, F. G. W. 1972. Nematodes and cereals. Rothamsted Experimental Station. 20-36.

Jones, M. G. K. and D. H. Northcote. 1972. Nematode-induced syncytium--A multinucleate transfer cell. Journal of Cell Science 10(3):789-809.

Kalyviotis-Gazelas, Clairy. 1971. List of nematodes and their host - plants as identified in Greece during 1969. Annls. Inst. Phytopathol. Benaki 10:138-140.

Kerry, B. R. and N. G. M. Hague. 1972. The distribution of the cereal cyst eelworm, <u>Heterodera avenae</u> Woll., in roots of winter and spring cereals. (Abstract). XIth International Symposium of Nematology, Reading, 36-37.

Khoury, Farid Y. and Stanley M. Alcorn. 1973. Effect of Meloidogyne incognita acrita on the susceptibility of cotton plants to Verticillium albo-atrum. Phytopathology 63(4):485-490.

- Kinloch, Robert A. 1971. Florida field crops as hosts of the spiral nematode, Helicotylenchus dihystera. Nematropica 1(2):38-39.
- Koshy, P. K. and Gopal Swarup. 1972. Susceptibility of plants to pigeon-pea cyst nematode, <u>Heterodera cajani</u>. Indian J. Nematol. 2(1):1-6.
- Laughlin, C. W. and J. M. Vargas, Jr. 1972. Pathogenic potential of <u>Tylenchorhynchus</u> dubius on selected turfgrass. J. Nematol. 4(4):277-280.
- Lear, Bert and S. T. Miyagawa. 1972. Development of a strain of the sugarbeet nematode as a potential pest of tomato. J. Nematol. 4(4):296-297.
- Lordello, Luiz Gonzaga E. and Marineide Meneses De Mendonca. 1970. Nematodes associated with roots of sugar cane in Piaui, Brazil. Rev. Brasil. Biol. 30(4):617-618.
- Lukens, R. J. and P. M. Miller. 1973. Injury of turf grasses by Tylenchorhynchus dubius and Hoplolaimus spp. (Abstract). Phytopathology 63(2):p. 204.
- McElroy, F. D. 1972. Studies on the host range of <u>Xiphinema bakeri</u> and its pathogenicity to raspberry. J. Nematol. 4(1):16-22.
- Mai, W. F., G. S. Abawi, and R. F. Becker. 1972. Population levels of <u>Heterodera schachtii</u> in New York and damage to red table beet and cabbage under greenhouse conditions. Plant Dis. Reptr. 56(5):434-437.
- Mamiya, Yasuharu. 1972. Reproduction of pine lethal wilting disease by the inoculation of young trees with <u>Bursaphelenchus lignicolus</u>. Jap. J. Nematol. 2:40-44.
- Meredith, Julia A. and G. Yepez T. 1973. Presence of <u>Aphelenchoides</u> <u>ritzemabosi</u> (Schwartz, 1911) Steiner, 1932 on a commercial planting of tuberose (<u>Polianthes tuberose</u> L.) in Venezuela. Nematropica 3(1):p. 28.
- Merny, G. 1972. Les nematodes phytoparasities des rizieres inondees de cote d'ivoire III Etudes sur la dynamique des populations de deux endoparasites: <u>Hirschmaniella</u> <u>spinicaudata</u> et <u>Heterodera oryzae</u>. Cah. Orstom, ser. Biol. 16:31-87.
- 1972. Les nematodes phytoparasities des rizieres inondees de cote d'ivoire IV essai d'interpretation mathematique de l'intensite de l'infestation des racines par les nematodes endoparasites en fonction de l'inoculum. Cah. Orstom, ser. Biol. 16:129-140.

- Michell, R. E. and D. I. Edwards. 1973. Susceptibility of soybean to Meloidogyne nassi. Plant Dis. Reptr. 57(3):207-209.
- Midha, S. K., M. S. Chatrath, and Gopal Swarup. 1971. On the feeding of <u>Anguina tritici</u> on growing point of wheat seedlings. Indian J. Nematol. 1(1):93-94.
- Mildenberger, Von Gisela and Hnad Wartenberg. 1958. Histologische untersuchungen der nematodengallen in den wurreln der kartoffelpflanze, (<u>Heterodera rostochiensis</u> Woll. und <u>Meloidogyne</u> spec. in <u>Solanum</u> tuberosum L.), Zeitschrift für Pflanzenkrankheiten (Pflanzenpathologie) und Pflanzenschutz 65(8):449-464.
- Milne, D. L., E. A. De Villiers and L. C. Holtzhausen. 1971. Litchi tree decline caused by nematodes. Phytophylactica 3(1):37-44.
- Milne, D. L. 1972. Lesion nematodes as a Potential threat to South African citrus. The Citrus Grower and Sub-Tropical Fruit Journal. p. 11.14.
- Nelmes, A. J. and Widad I. Hussain. 1972. The response of the bark boring beetle <u>Ips sexdentatus</u> infected by a nematode parasite <u>Contortylenchus</u> sp. (Abstract). XIth International Symposium of Nematology, Reading. p. 48.
- Nemec, S. and L. S. Morrison. 1972. Histopathology of <u>Thuja orientalis</u> and <u>Juniperus horizontalis plumosa</u> infected with <u>Meloidogyne incognita</u>. J. Nematol. 4(1):72-74.
- Nielsen, L. W. and D. V. Phillips. 1973. Relevance of <u>Meloidogyne</u> <u>incognita</u>-infected sweetpotato bedding roots on sprout transmission of the nematode to the succeeding crop. Plant Dis. Reptr. 57(4):371-373.
- O'Bannon, J. H. and A. T. Tomerlin. 1972. The influence of <u>Pratylenchus</u> <u>coffeae</u> on citrus tree growth and fruit production. (Abstract). XIth International Sumposium of Nematology, Reading. 51-52.
- by Pratylenchus coffeae. J. Nematol. 5(4):311-316.
- Ogia, I. R. and R. H. Estey. 1973. Histopathogenesis of Brassica rapa Zea mays infected by Pratylenchus penetrans. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1097.
- Olthof, T. H. A., C. F. Marks, and J. M. Elliot. 1972. Relationships between population densities of <u>Pratylenchus penetrans</u> and crop losses in flue-cured tobacco in Ontario. (Abstract). J. Nematol. 4(4):p. 231.

- Olthof, T. H. A. and J. W. Potter. 1972. Relationship between population densities of <u>Meloidogyne hapla</u> and crop losses in summer-maturing vegetables in Ontario. Phytopathology 62(9):981-986.
- Olthof, T. H. A., C. F. Marks, and J. M. Elliot. Relationship between population densities of <u>Pratylenchus penetrans</u> and crop losses in fluecured tobacco in Ontario. J. Nematol. 5(2):158-162.
- Olthof, T. H. A. and J. W. Potter. 1973. The relationship between population densities of <u>Pratylenchus penetrans</u> and crop losses in summer-maturing vegetables in Ontario. Phytopathology 63(5):577-582.
- Oostenbrink, M. 1971. Quantitative aspects of plant-nematode relationships. Indian J. Nematol. 1:68-74.
- Orbin, D. P. 1973. Histopathology of soybean roots infected with Helicotylenchus dihystera. J. Nematol. 5(1):37-40.
- Oteifa, B. A. and T. B. Abdelrahman. 1973. Histopathogenesis of Meloidogyne incognita on roots of aldicarb treated potatoes. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1098.
- Oyekan, Peter O., C. D. Blake, and J. E. Mitchell. 1972. Histopathology of pea roots axenically infected by <u>Pratylenchus penetrans</u>. J. Nematol. 4(1):32-35.
- Palmisano, Anna Marinari. 1970. I nematodi associati alla vite e loro importanza fitopathologica. Quaderni di Viticoltura Difesa Fitosanitaria. 155-195.
- Pate, J. S. and B. E. S. Gunning. 1972. Transfer cells. Ann. Rev. Plant Physiol. 23:173-196.
- Paulson, Ronald E. and John M. Webster. 1972. Ultrastructure of the hypersensitive reaction in roots of tomato, <u>Lycopersicon esculentum</u> L., to infection by the root-knot nematode, <u>Meloidogyne incognita</u>. Physiological Plant Pathology 2:227-234.
- Perry, V. G. and J. A. Zeikus. 1972. Host variations among populations of the <u>Meloidogyne incognita</u> group. (Abstract). J. Nematol. 4(4):231-232.
- Potter, J. W., Th. H. A. Olthof, and N. W. Sheidow. 1972. Survival of Meloidogyne hapla on roots of rhubarb, Rheum rhaponticum, in a tobacco greenhouse. Plant Dis. Reptr. 56(5):417-419.

- Rao, B., H. Krishnamurthy and S. K. Prasad. 1969. Population studies on Meloidogyne javanica Chitwood 1949 and Rotylenchulus reniformis Linford and Oliveria 1940 occurring together and separately, and their effect on the host. All India Nematology Symposium at The Indian Agricultural Research Inst. New Delhi-12, India. p. 71.
- Renaud, C., J. and I. Thomason. 1973. Nematodes associated with common bean (Phaeolus vulgaris L.) in California, U.S.A. (Abstract).

  Nematropica 3(1):p. 7.
- Riffle, Jerry W. 1972. Effect of certain nematodes on the growth of Pinus edulis and Juniperus monosperma seedlings. J. Nematol. 4(2): 91-94.
- 1972. Histopathology of <u>Pinus ponderosa</u> ectomycorrhizae infected with a <u>Meloidogyne</u> species. (Abstract). Phytopathology 62(7):p. 785.
- ectomycorrhizae infected with a Meloidogyne species. Phytopathology 63(8):1034-1040.
- 1973. Formation of Suillus granulatus ectomycorrhizae with Pinus ponderosa seedlings affected by Aphelenchoides cibolensis and Aphelenchoides composticola. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0559.
- Riggs, R. D., K. S. Kim, and Ilene Gipson. 1973. Ultrastructural changes in Peking soybeans infected with <u>Heterodera glycines</u>. Phytopathology 63(1):76-84.
- Robbins, R. T. and K. R. Barker. 1973. Comparisons of host range and reproduction among populations of <u>Belonolaimus longicaudatus</u> from North Carolina and Georgia. Plant Dis. Reptr. 57(9):750-754.
- Rodriguez-Kabana, R. and R. W. Pearson. 1972. Populations of root knot nematode and root development in cotton after a Bahia grass sod. (Abstract). Phytopathology 62(7):p. 785.
- of lance and stunt nematodes in cotton following a Bahia grass sod. (Abstract). J. Nematol. 4(4):p. 233.
- Roy, A. K. 1972. Reaction of some plants to the attack of <u>Meloidogyne incognita</u> in Assam. Indian J. Nematol. 2(1):86-89.
- Ruehle, John, L. 1972. Response of sand pine to parasitism by lance nematode. Plant Dis. Reptr. 56(8):691-692.

- Ruehle, John L. 1972. Pathogenicity of <u>Xiphinema chambersi</u> on sweetgum. Phytopathology 62(3):333-336.
- 1973. Influence of plant-parasitic nematodes on longleaf pine seedlings. J. Nematol. 5(1):7-9.
- Saad, A. T. and M. Tanveer. 1972. Prevalence and host range of Meloidogyne species in Lebanon. FAO Plant Protection Bulletin 20(2):31-35.
- Sakuria, Kiyoshi, Harou Inagaki, Iwao Yuhara, and Masaaki Tsutsumi. 1973. Damage and control of the apple root-knot nematode, Meloidogyne mali Itoh, Ohshima, and Ichinohe, 1969, on apple trees. Research Bulletin No. 105 of the Hokkaido National Agricultural Experiment Station 48(3):9-22.
- Di Sanzo, C. P. 1973. Significance of nematodes associated with field corn. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0214.
- Saynor, M. 1972. The influence of host plants and soil cultivation of <u>Pratylenchus</u>, <u>Tylenchorhynchus</u> and <u>Helicotylenchus</u> species in a natural habitat. (Abstract). XIth International Symposium of Nematology, Reading. 60-61.
- Scotto La Massese, C. 1965. Etudes faites en Algerie sur les nematodes des citrus. Comptes-Rendus Des Premieres Journees Phytiatrie Phytopharmacie Circum-Mediterraneenes. 52-58.
- viticulture. Les Nematodes Des Cultures. 377-400.
- 1971. Les nematodes nusibles en pepinieres fruitieres et forestieres. Special Pepinieres 115:3-11.
- 1973. Les nematodes phytophages associes a la culture des petits fruits en France. Extrait du Bulletin Technique Sicanapf 5:6-14.
- Seidel, Mechthild. 1972. Zur verbreitung von <u>Heterodera-arten</u> in grülandböden des Bezirkes Rostock. "Probleme der Phytonematologie" Groß Lüsewitz. 1-9.
- Seinhorst, J. W. and J. L. Koert. 1971. Stem nematodes in onion seed. Overdruk uit gewasbescherming 2:25-31.
- Sharma, R. D. and S. A. Sher. 1973. Plant nematodes associated with jackfruit (Artocarpus heterophyllus Lam.) in Bahia, Brazil. Nematropica 3(1):23-24.

- Sher, S. A. 1958. The effect of nematodes on azaleas. Plant Dis. Reptr. 42(1):84-85.
- Shoji, Tsugio. 1971. Distribution of plant parasitic nematodes associated with coniferous seedlings in National Forest nurseries in the Tohoku District, Japan. Bulletin of the Government Forest Experiment Station No. 241. 19-29.
- Siddiqui, I. A. 1971. Comparative penetration and development of Meloidogyne naasi in wheat and oat roots. Nematologica 17(4):566-574.
- Sikora, R. A., D. P. Taylor, R. B. Malek, and D. I. Edwards. 1972. Interaction of <u>Meloidogyne naasi</u>, <u>Pratylenchus penetrans</u>, and <u>Tylenchorhynchus agri</u> on creeping bentgrass. J. Nematol. 4(3):162-165.
- Singh, N. D. 1973. A note of plant parasitic nematodes associated with sugarcane in Trinidad. Nematropica 3(2):54-55.
- Sivakumar, C. V. and A. R. Seshadri. 1971. Pathogenicity of the reniform nematode, <u>Rotylenchulus</u> reniformis to castor. Indian J. Nematol. 1(2):227-236.
- Smolik, J. D. and R. B. Malek. 1973. Effect of <u>Tylenchorhynchus</u> <u>nudus</u> on growth of Knetucky bluegrass. J. Nematol. 5(4):272-274.
- Sosa Moss, C. and O. S. Gonzalez. 1973. Behavior of 3 varieties of chili peppers (Capsicum annum) to 5 population levels of Nacobbus serendipiticus (Nematoda: Nacobbidae). Nematropica 3(1):14-16.
- Sosa Moss, C. and V. Munoz G. 1973. Response of 2 tomato varieties to 7 populations levels of <u>Nacobbus</u> <u>serendipiticus</u> (Nematoda: Nacobbidae). Nematropica 3(1):16-17.
- Sosa Moss, C. and J. M. Torres C. 1973. Response of bean (Phaseolus vulgaris L. var. Black valentine) to 7 population levels of Meloidogyne incognita (Kofoid & White, 1919) Chitwood, 1949 (Nematoda: Heteroderidae). Nematropica 3(1):17-18.
- Southards, C. J. and M. F. Priest. 1973. Variation in pathogenicity of seventeen isolates of Meloidogyne incognita. J. Nematol. 5(1):63-67.
- Steinbach, P. 1972. Studies on the behavior of larvae of the potato root eelworm <u>Heterodera rostochiensis</u> on and in the roots of the host plant <u>Lycopersicon esculentum</u>. II. The penetration of larvae of the potato root eelworm into the host plant. Biol. Zentralbl 91(6):743-756.
- Stelter, Helmut and Gerhard Meinl. 1972. Die auswirkugen des befalles von rot- und weißklee durch <u>Heterodera trifolii</u> und <u>Heterodera galeopsidis</u>. Arch. Pflanzenschutz 8:463-470.

- Tapia, A. and C. Oscar. 1971. Determination of susceptibility of forage legumes to attack by nematodes of the genus <u>Meloidogyne</u>. (Abstract). Nematropica 1(2):p. 38.
- Tarjan, A. C. 1971. Migration of three pathogenic citrus nematodes through two Florida citrus soils. Soil and Crop Science Society of Florida Proceedings 31:235-255.
- Tobar Jimenez, Antonio. 1971. Estudio comparativo de la capacidad de multiplicación y actividad parasitaria de tres nematodes del suelo del orden Tylenchida. Rev. Iber. Parasitol. 31(3-4):319-327.
- Townshend, J. L. 1972. Effect of hay components on the numbers of nematodes. Nematologica 18(1):149-151.
- Townshend, J. L., J. L. Eggens, and N. K. McCollum. 1973. Turf grass hosts of three species of nematodes associated with forage crops. Can. Plant Dis. Surv. 53(3):137-141.
- Townshend, J. L. and J. W. Potter. 1973. Nematode numbers under cultivars of forage legumes and grasses. Can. Plant Dis. Surv. 53(4): 194-195.
- Trudgill, D. L. 1972. Influence of feeding duration of moulting and sex determination of Meloidogyne incognita. Nematologica 18(4):476-481.
- Turner, Deborah R. and R. A. Chapman. 1972. Infection of seedlings of alfalfa and red clover by concomitant populations of Meloidogyne incognita and Pratylenchus penetrans. J. Nematol. 4(4):280-286.
- Varon, R. Francia H., H. Castro M. and H. Ramirez A. 1973. Nematodes associated with sugarcane (Saccharum officinarum L.) in the Cauca Valley Colombia. Nematropica 3(2):p. 61.
- Webster, J. M. 1972. Ultrastructural responses of tomato to the root knot nematode (Meloidogyne incognita) and its effect on Fusarium wilt. Canadian Phytopathology Proc. 39:p. 44.
- Webster, J. M. and R. E. Paulson. 1972. An interpretation of the ultrastructural responses of tomato roots susceptible and resistant to <a href="Meloidogyne incognita">Meloidogyne incognita</a> (Kofoid et White) Chitwood. OEPP/EPPO Bull. 6:33-39.

- Willis, C. B. 1973. Effect of potassium fertilization and <u>Pratylenchus</u> penetrans on forage yield and potassium content of alfalfa. 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1099.
- Wilski, Andrzej. 1971. Pot experiments on the influence of potato infestation with the root-knot nematode <u>Meloidogyne hapla</u>, on tuber yield. Prace Naukowe Instytutu Ochrony Roslin XIII(1):191-194.
- Winfield, A. L., H. G. Kingham, and C. J. Young. 1973. Damage to glasshouse lettuce by <u>Pratylenchus penetrans</u> (Cobb, 1917) Chitwood and Oteifa, 1952. Pl. Path. 22(3):144-146.
- Wong, T. K. and W. F. Mai. 1973. Pathogenicity of <u>Meloidogyne hapla</u> to lettuce as affected by inoculum level, plant age at inoculation and temperature. J. Nematol. 5(2):126-129.
- Wyss, Urs. 1971. Saugverhalten und pathogenität von <u>Trichodorus</u> spp. in steriler agarkultur. Nematologica 17(4):501-507.
- 1971. Der mechanismus der nahrungsaufnahme bei <u>Trichodorus</u> similis. Nematologica 17(4):508-518.
- 1972. The host-parasite relations between <u>Trichodorus</u> similis and <u>Nicotiana tabacum</u> var. <u>samsun</u>, observed in sterile agar culture. (Abstract). XIth International Symposium of Nematology, Reading. 82-83.
- 1973. Reaction of the cytoplasm and nucleus within root hairs of <u>Nicotiana tabacum</u> to the feeding of <u>Trichodorus similis</u>. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1100.
- 1973. Feeding of <u>Tylenchorhynchus</u> <u>dubius</u>. Nematologica 19(2):125-136.
- Yadav, B. S. and A. C. Verma. 1971. Cyst forming nematode (<u>Heterodera sp.</u>) attacking <u>Sesamum orientale</u> in India. Current Sci., Inida 40(22):1 p.
- Yassin, A. M. 1973. A root lesion nematode parasitic on cotton in the Gerzira. Nematologica 19(1):122-123.
- Yepez, T., Julia A. Meredith, and A. Perez. 1972. Nematodes de banano y platano (Musa sp.) en Venezuela. Nematropica 2(2):47-51.
- Zinno, Yoshiyuki and Yutaka Igarashi. 1972. Distribution of plant parasitic nematodes associated with coniferous seedlings in Shikoku, Japan. Bulletin of the Government Forest Experiment Station 246:11-20.

Zocchi, R. 1971. Some nematodes associated with ornamental plants. Redia 52:139-147.

## RESISTANCE

Ambrogioni, Laura. 1971. Sul comportamento di alcune popolazioni Italiane di <u>Heterodera</u> rostochiensis Woll. 1923 nie confronti de linee resistenti di patata. Estratto de Redia LII:691-708.

Berquist, R. R. and R. M. Riedel. 1972. Screening onion (Allium cepa) in a controllled environment for resistance to Ditylenchus dipsaci. Plant Dis. Reptr. 56(4):329-331.

Bumbulucz, L. 1970. Experiments with varieties resistant to different races of <u>Heterodera rostochiensis</u>. Triennial Conf. (4th) Eur. Ass. Potato Res. Brest, 8-13 Sept. 1969. p. 210.

Castillo, M. B., L. S. Morrison, C. C. Russell, and D. J. Banks. 1973. Resistance to Meloidogyne hapla in peanut. J. Nematol. 5(4):281-285.

Cook, R. 1973. Nature and inheritance of nematode resistance in cereals. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0615.

Coolen, W. A. and G. J. Hendrickx. 1972. Investigation on the resistance of rose root-stocks to <u>Meloidogyne</u> <u>hapla</u> and <u>Pratylenchus</u> penetrans. Nematologica 18(2):155-158.

Cotten, J. and J. D. Hayes. 1972. Genetic studies of resistance to the cereal cyst nematode (<u>Heterodera avenae</u>) in oats (<u>Avena spp.</u>). Euphytica 21:538-542.

Dunn, Robert A. 1973. Resistance in potato (Solanum tuberosum) to Pratylenchus penetrans. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0860.

Elgin, J. H., Jr., F. A. Gray, R. N. Peaden, L. R. Faulkner, and D. W. Evans. 1973. Optimum inoculum levels for screening alfalfa seedlings for resistance to northern root-knot nematode in a controlled environment. Plant Dis. Reptr. 57(8):657-660.

Ellis, P. R. and Maxon Smith, J. W. 1971. Inheritance of resistance to potato-cyst-eelworm (<u>Heterodera rostochiensis</u> Wol.) in the genus <u>Lycopersicon</u>. Euphytica 20:93-101.

Epps, J. M and E. E. Hartwig. 1972. Reaction of soybean varieties and strains to Race 4 of the soybean cyst nematode. (Abstract). J. Nematol. 4(4):p. 222.

- Fassuliotis, George. 1973. Susceptibility of eggplant, Solanum melongena, to root-knot nematode, Meloidogyne incognita. Plant Dis. Reptr. 57(7):606-608.
- Fischnaler, F. A. 1973. A new tomato variety from El Salvador resistant to Meloidogyne sp. (Abstract). Nematropica 3(1):p. 3.
- Fox, J. A., L. H. Aung, and A. J. Webber, Jr. 1972. The relationship of a steroid to resistance of soybean to <u>Heterodera glycines</u>. (Abstract). J. Nematol. 4(4):p. 224.
- Frazier, W. A. and R. K. Dennett. 1949. Isolation of <u>Lycopersicon</u> esculentum type tomato lines essentially homozygous resistant to root knot. Proc. Amer. Soc. Hort. Sci. 54:225-236.
- Giebel, J. 1973. Biochemical mechanisms of plant resistance to n nematodes. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0613.
- Gilbert, J. C. and D. C. McGuire. 1952. Root knot resistance in commercial type tomatoes in Hawaii. Proc. Amer. Soc. Hort. Sci. 60:401-411.
- Gilbert, J. C., D. C. McGuire, and J. S. Tanaka. 1958. Tobacco mosaic virus resistance combined with root knot resistance. Hawaii Farm Sci. 6(4):7-8.
- tomato hybrids with resistance to eight diseases. Hawaii Farm Science 9(3):1-3.
- Gilbert, J. C. and J. S. Tanaka. 1965. Horticultural refinement of multiple disease resistant tomatoes in Hawaii. Hawaii Farm Sci. 14(1): 4-6.
- Gilbert, J. C., J. L. Brewbaker, J. S. Tanaka, J. T. Chinn, R. W. Hartmann, J. A. Crozier, Jr., and P. J. Ito. 1969. Vegetable improvement at the Hawaii Agricultural Experiment Station. Hawaii Agricultural Experiment Station, Research Report 175. 1-16.
- Gilbert, J. C., J. T. Chinn, and J. S. Tanaka. 1970. Four new tropical vegetable-type-soybeans with root-knot nematode resistance. Hawaii Agricultural Experiment Station, Research Report 178. 1-7.
- Godeck, Walter and Ewald A. Favret. 1965. Observaciones sobre seleccion de alfalfa resistente al nematode del tallo. Biologie Y Produccion Vegetal II(3):41-54.

- Gonzalez, J. A. and F. Dao D. 1973. Evaluation of clones and varieties of potato from the U.S.A., Holland, Canada, and Mexico for resistance to Heterodera rostochiensis. (Abstract). Nematropica 3(1):4-5.
- Griffin, G. D. and O. J. Hunt. 1972. Effect of plant age on resistance of alfalfa to Meloidogyne hapla. J. Nematol. 4(2):87-90.
- Hartman, R. W. 1968. Manoa Wonder, new root knot nematode-resistant pole bean. Hawaii Agr. Exp. Sta. Circ. 67. 5-10.
- Healy, W. B., J. P. Widdowson, and G. W. Yeates. 1973. Screening of legume varieties for resistance to the root nematodes <u>Heterodera</u> trifolii and Meloidogyne hapla. N. Z. J. Agr. Res. 16(1):81-86.
- Hunt, Oliver J. 1973. Nematode Resistance in plants: Breeding problems and opportunities. (Abstract). 2nd International Congress of Plant Pathology Minneapolis, Minnesota. p. 0612.
- Hutchison, D. J. and J. H. O'Bannon. 1972. Evaluating the reaction of citrus selections to <u>Tylenchulus semipenetrans</u>. Plant Dis. Reptr. 56(9): 747-751.
- Hutchison, D. J., J. H. O'Bannon, G. R. Grimm and G. D. Bridges. 1972. Reaction of selected citrus rootstocks to foot rot, burrowing and citrus nematodes. Proceedings of the Florida State Hort. Sci. 85:39-43.
- Ibrahim, I. K. A., Ismail A. Ibrahim, and S. I. Massoud. 1972. I Induction of galling and lateral roots on five varieties of soybeans by Meloidogyne javanica and M. incognita. Plant Dis. Reptr. 56(10):882-884.
- Kish, A. J. and R. E. Adams. 1973. Resistance-breaking biotypes in the root knot nematode. (Abstract). Phytopathology 63(7):p. 803.
- Kort, J., C. P. Jaspers and D. L. Dijkstra. 1972. Testing for resistance to pathotype C of <u>Heterodera rostochiensis</u> and the practical application of <u>Solanum vernei</u>-hybrids in the Netherlands. Ann. appl. Biol. 71(3):289-294.
- Kuhn, R. 1971. Kreuzungsexperimente in der gattung <u>Heterodera</u> Schmidt, 1871. Probleme Der Phytonematologie. 94-103.
- Lordello, Luiz Gonzage E. 1971. Suscetibilidade da variedade Kouillou de Coffea canephora a um nematoide. Separata Da Revista De Agricultura 46(4):157-158.
- McGuire, D. C. and R. W. Allard. 1958. Testing nematode resistance in the field. Plant Dis. Reptr. 42(10):1169-1172.

- McGuire, D. C., R. W. Allard, and J. A. Harding. 1961. Inheritance of root knot nematode resistance in lima beans. Proc. Amer. Soc. Hort. Sci. 78:302-307.
- Martin, W. J. and W. Birchfield. 1973. Further observations of variability in <u>Meloidogyne incognita</u> on sweetpotatoes. Plant Dis. Reptr. 57(3):p. 199.
- Miller, L. I., J. A. Fox, and L. Spasoff. 1972. Genetic relationship of resistance to <u>Heterodera solanacearum</u> in dark-fired and burley tobacco. (Abstract). Phytopathology 62(7):p. 778.
- Miller, L. I. and J. A. Fox. 1973. Specificity of resistance of inbred lines of Zea mays to races of Meloidogyne incognita. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0861.
- Nigh, Jr., E. L. 1972. Resistance of selected alfalfa clones to the root knot nematode, <u>Meloidogyne incognita</u>. (Abstract). Phytopathology 62(7):p. 780.
- 1972. Susceptibility of Arizona-grown ornamentals to attack by several nematode species. Plant Dis. Reptr. 56(10):914-916.
- Nielsen, C. H. 1972. The test assortment for cereal cyst nematode (<u>Heterodera avenae</u>) (on behalf of the <u>Heterodera avenae</u> group). (Abstract). XIth International Symposium of Nematology, Reading. 50-51.
- Parrott, D. M. and D. L. Trudgill. 1972. The resistance of hybrids of Solanum tuberosum spp. andigena and S. multidissectum to Heterodera rostochiensis pathotype E. Plant Pathology 21(2):86-88.
- Philis, J. 1970. Resistance to  $F_1$  tomato hybrid rootstocks to the potato cyst nematode <u>Heterodera rostochiensis</u> Woll. Hort. Res. 10:78-80.
- Rebois, R. V., B. Joe Eldridge, J. M. Good, and A. K. Stoner. 1973. Tomato resistance and susceptibility to the reniform nematode. Plant Dis. Reptr. 57(2):169-172.
- Rothacker, D. 1971. Entwicklung und tendenzen bei der resistenzzüchtung gegen den kartoffelnematoden <u>Heterodera rostochiensis</u> Woll. Probleme Der Phytonematologie. 69-93.
- Rothacker, D. and H. Stelter. 1971. Solanum tuberosum spp. andigenum als resistenzquelle für die nematodenresistenzzüchtung. Probleme Der Phytonematologie. 52-68.

- Sidhu, Gurmel and John M. Webster. 1973. Genetic control of resistance in tomato (Lycopersicon esculentum) to root-knot nematode (Meloidogyne incognita). (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0862.
- Sikora, R. A., P. K. Koshy, and R. B. Malek. 1972. Evaluation of wheat selections for resistance to the cereal cyst nematode. Indian J. Nematol. 2(1):81-82.
- Sikora, R. A., K. Sitaramaiah, and R. S. Singh. 1973. Reaction of root-knot nematode-resistant tomato cultivars to Meloidogyne javanica in India. Plant Dis. Reptr. 57(2):141-143.
- Slabaugh, W. R. and R. E. Adams. 1973. Interactions of <u>Meloidogyne incognita</u>, <u>Helicotylenchus nannus</u>, and <u>Pratylenchus penetrans</u> with breeding lines of <u>Lycopersicon esculentum</u> in agar culture. (Abstract). Phytopathology 63(7):p. 805.
- Stavely, J. R., G. W. Pittarelli, and L. G. Burk. 1972. Resistance to Meloidogyne javanica and Cercospora nicotianae transferred from Nicotiana repanda to N. tabacum breeding selections. (Abstract). Phytopathology 62(6):p. 672.
- Stelter, H. 1971. Untersuchungen uber das rassenspektrum bei <u>Heterodera</u> rostochiensis. Probleme Der Phytonematologie. 143-156.
- Stone, L. E. W. 1972. Field trials using resistant cultivars against the cereal cyst nematode, <u>Heterodera avenae</u>. (Abstract). XIth International Symposium of Nematology, Reading. p. 72.
- Taha, Abdelsamie H., Gamal M. Yousif, and Bakir A. Oteifa. 1973. Relative susceptibility of bean varieties and their nodules to root knot infection. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0863.
- Thomason, Ivan J. 1973. Concepts: Nematode Resistance in plants. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0611.
- Triantaphyllou, A. C. 1973. Nematode genetics in relation to breeding for plant resistance. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota, p. 0614.
- Trudgill, D. L. and Diana M. Parrott. 1973. Effects of growing resistan potatoes with gene  $H_1$  from <u>Solanum tuberosum</u> spp. andigena on populations of <u>Heterodera rostochiensis</u> British pathotype A. Ann. appl. Biol. 73(1): 67-75.

## BIOLOGICAL CONTROL

- Anon. 1972. Saving the graceful mimosa. Agricultural Research 20(12): p. 15.
- 1972. Mass-produced nematodes. Down mosquitoes. Agricultural Research 20(11):3-4.
- Backman, P. A., R. Rodriquez-Kabana, and W. D. Kelley. 1973. A growth and delivery system for applying biological control agents to soil. (Abstract). Phytopathology 63(4):p. 440.
- Balan, J. and Nancy N. Gerber. 1972. Attraction and killing of the nematode <u>Panagrellus redivivus</u> by the predaceous fungus <u>Arthrobotrys</u> dactyloides. Nematologica 18(2):163-173.
- Benham, Jr., Gerald S. and George O. Poinar, Jr. 1973. Tabulation and evaluation of recent field experiments using the DD-136 strain of Neoaplectana carpocapsae Weiser: A review. Experimental Parasitology 33(2):248-252.
- Canning, Elizabeth U. 1973. Protozoal parasites as agents for biological control of plant-parasitic nematodes. Nematologica 19(3): 342-348.
- Cayrol, J. C., Ph. Roudeillac, and M. M. B'Chir. 1972. Preliminary studies on the possibilities of utilization of nematode trapping fungi for biological control in mushroom culture. Revue de Zoologie Agricole et de Pathologie Vegetale Quatrieme trimestre. 118-138.
- Chatterjee, P. N. and Pratap Singh. 1965. Mermithid parasites and their role in natural control of insect pests. Indian Forester 91(10): 714-721.
- Cheng, H. H. and G. E. Bucher. 1972. Field comparison of the neoaplectanid nematode DD 136 with diazinon for control of Hylemya spp. on tobacco. Journal of Economic Entomology 65(6):1761-1763.
- Ebsary, Barry A. and Gordon F. Bennett. 1973. Molting and oviposition of <u>Neomesomermis flumenalis</u> (Welch, 1962) Nickle, 1972, a mermithid parasite of blackflies. Canadian J. of Zoology 51(6):637-639.
- Ezenwa, Afamdi O. 1973. Mermithid and microsporidan parasitism of blackflies (Diptera: Simuliidae) in the vicinity of Churchhill Falls, Labrador. Canadian J. of Zoology 51(10):1109-1111.
- Gordon, R., B. A. Ebsary and G. F. Bennett. 1973. Potentialities of mermithid nematodes for the biocontrol of blackflies (Diptera:Simuliidae) a review. Experimental Parasitology 33(2):226-238.

- Gordon, Roger, John M. Webster, and Thomas G. Hislop. 1973. Mermithid parasitism, protein turnover and vitellogenesis in the desert locust, Schistocerca gregaria Forskal. Comp. Biochem. Physiol. 46B:575-593.
- Gunther, B. 1970. The fine structure of the cuticle of plant-parasitic and free-living nematodes, (<u>Heterodera schachtii Schmidt</u>, <u>Rhabditis oxycerca de Man</u>, and <u>Panagrellus redivivus Goodey</u>. Nachrichten blatt fur den deutschen pflanzenschutzdienst. 1 page.
- Hackney, R. W. and O. J. Dickerson. 1973. Marigold (Tagetes patula, 'lemondrop') castor beans (Ricinus communis 'bronz king') and mum (Chrysanthemum morifolium, 'escapade') as biological controls of Meloiodgyne incognita and Pratylenchus alleni. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0553.
- Heimpel, A. M. 1972. Insect control by microbial agents. Pest Control Strategies for the Future. National Academy of Sciences. 298-316.
- Heinrichs, E. A. 1973. Bionomics and control of sod webworms. Bulletin of the Entomological Society of America. 19(2):94-95.
- Hollis, J. P., I. K. A. Ibrahim, and M. M. Joshi. 1973. Balanced parasitism and integrated control of nematodes. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0554.
- Hudson, K. Elaine. 1972. Biological regulation of greenhouse sciarid populations using a tetradonematid (Nematoda: Mermithoidea). (Abstract) . XIth International Symposium of Nematology, Reading. 29-30.
- Hunt, D. J. 1972. Nematodes associated with the bark beetle vectors of Dutch elm disease. (Abstract). XIth International Symposium of Nematology, Reading. 30-31.
- Ibrahim, I. K. A., M. M. Joshi, and J. P. Hollis. 1973. The swarming virus disease of <u>Tylenchorhynchus martini</u>. (Abstract). 2nd Internationa Congress of Plant Pathology, Minneapolis, Minnesota. p. 0555.
- Johnson, L. F. 1972. Effects of organic mulches upon the incidence of root knot in potted tomato plants. (Abstract). Phytopathology 62(7):p. 767.
- Kamionek, M. and H. Sandner. 1972. Resistance of the invasive larvae of <u>Neoaplectana carpocapsae</u> to drying. (Abstract). XI International Symposium of Nematology, Reading. p. 36.
- Kaufmann, Otto. 1939. Der Luzerneblattnager (phytonomus variabilis Herbst). Originalaufsätze XXVI(3):2 pages.

- Khan, Abrar M. 1973. Use of soil amendments in an ecological approach to nematode control. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1025.
- Khan, M. Q., D. V. Murthy, and M. Z. A. Nomain. 1965. A short note on a mermithid larval parasite of <u>Schoenobius incertellus</u> W. Indian J. Entomology 18(3):299-300.
- Lam, A. B. Q. and J. M. Webster. 1972. Effect of the DD-136 nematode and of a B-Exotoxin preparation of <u>Bacillus thuringiensis</u> var. thuringiensis on leather-jackets, <u>Tipula paludosa</u> larvae. Journal of Invertebrate Pathology 20:141-149.
- Laumond, C. 1972. Practical use of <u>Neoaplectanidae</u> against various <u>Lepidoptera</u> from vegetable crops. XIth International Symposium of Nematology, Reading. p. 41.
- Mankau, R. 1972. Utilization of parasites and predators in nematode pest management ecology. Proceedings Tall Timbers Conference on Ecological Animal Control by Habitat Management 4:129-143.
- Miller, P. M., D. C. Sands, and S. Rich. 1973. Effect of industrial mycelial residues, wood fiber wastes, and chitin on plant-parasitic nematodes and some soilborne diseases. Plant Dis. Reptr. 57(5):438-442.
- Moore, Gordon E. Moisture requirements of the DD-136 strain of Neoaplectana carpocapsae (Nematoda:Rhabditida) as related to host infection. Experimental Parasitology 33(2):207-211.
- Nickle, W. R. 1972. Nematode parasites of insects. Proceedings Tall Timbers Conference on Ecological Animal Control by Habitat Management 4:145-163.
- Petersen, James J. 1972. Factor affecting sex ratios of a mermithid parasite of mosquitoes. J. Nematol. 4(2):83-87.
- 1973. Role of mermithid nematodes in biological control of mosquitoes. Experimental Parasitology 33(2):239-247.
- Rama Rao, G. V. and R. B. Malek. 1973. Effects of nematode-trapping fungi on population development of <u>Pratylenchus penetrans</u>. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0556.

Sandner, Henryk and Stanislaw Stanuszek. 1971. Comparative research on the effectiveness and production of <u>Neoaplectana carpocapsae</u> S. L. Zeszyty Problemowe Postepow Nauk Rolniczynch 121:209-226.

Sandner, H., H. Seryczynska, and M. Kamionek. 1972. Preliminary microbiological and ultrastructural investigations of bacteria isolated form <u>Pristionchus uniformis</u> Fedorko et Stanuszek. Bulletin De L'Academie Polonaise Des Sciences XX(8):567-569.

Sandner, H. and S. Stanuszek. 1972. Differentiation of nematode populations of the genus <u>Neoaplectana</u> Steiner, 1929 (Nematoda; Rhabditoidea; Steinernematidae) into generations of "giant" and small forms. (Abstract). XIth International Symposium of Nematology, Reading. p. 60.

Sandner, H., M. Kamionek, and H. Seryczynska. 1973. Ways in which the bacteria Achromobacter nematophilus Poinar and Thomas penetrate into the body cavity of test insects. Bulletin De L'Academie Polonaise Des Sciences XXI(3):245-247.

Sayre, Richard M. 1973. Theratromyxa weberi, an amoeba predatory on plant-parasitic nematodes. J. Nematol. 5(4):258-264.

Sayre, R. M., W. A. Habicht, and J. M. Walker. 1973. Effect of sewage sludges as soil organic amendments on the incidence of root-knot. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0557.

Seryczynska, H. and M. Kamionek. 1972. Denfense reactions of <u>Galleria</u> <u>mellonella</u> L. caterpillars under the influence of the parasite nematodes <u>Neoaplectana carpocapsae</u> Weiser. Bulletin De L'Academie Polonaise Des Sciences XX(10):739-742.

Singh, P. and Choudhury, J. C. B. 1964. An endo-and ecto-parasite on Orthacris simulans Bolv. (fam:Acrididae) infesting Rauwolfia serpentina Benth. Indian Forester 90(4):215-216.

Singh, R. S. and K. Sitaramaiah. 1971. Control of root knot through organic and inorganic amendments of soil: Effect of sawdust and inorganic nitrogen. Indian J. Nematol. 1(1):80-84.

nematodes with organic amendments of soil. Experiment Station & Colleg of Agric. G. B. Pant University of Agirculture & Technology, Pantnagar, District Nainital, India 6:289 pages.

- Symposium of Nematology, Reading. 68-69.
- Stoffolano, Jr., John G. 1973. Host specificity of entomophilic nematodes--A review. Experimental Parasitology 33(2):263-284.
- Van Gundy, S. D. 1972. Nonchemical control of nematodes and root-infecting fungi. Pest Control Strategies for the Future. National Academy of Sciences. 317-329.
- Webster, John M. 1973. Manipulation of environment to facilitate use of nematodes in biocontrol of insects. Experimental Parasitology 33(2):197-205.

## CULTURAL CONTROL

- Berge, J. B. 1971. Methodes culturales et varietes resistantes. Les Nematodes Des Cultures. 537-594.
- Brodie, B. B. and J. M. Good. 1973. Crop Management systems. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1023.
- Brzeski, Michal W. 1971. Harmfulness of nematodes for cultivation of plants in Poland. Zeszyty Problemowe Postepow Nauk Rolniczych 121:9-21.
- Clayton, E. E., J. G. Gaines, T. E. Smith, K. J. Shaw, and T. W. Graham. 1944. Control of flue-cure tobacco root disease by crop rotation. U.S. Dept. Agr. Farm. Bull. 1952:1-12.
- Collen, Norah Anne. 1972. Plant parasitic nematodes in grass-cereal rotations. (Abstract). XIth International Symposium of Nematology, Reading. p. 12.
- Collins, R. J. and R. Rodriguez-Kabana. 1972. Influence of fertilizer treatments and crop sequence on populations of root-knot nematodes, <a href="Meloidogyne incognita">Meloidogyne incognita</a>. (Abstract). Phytopathology 62(8):p. 802.
- Gaines, J. G. and F. A. Todd. 1953. Crop rotations and tobacco. Plant Diseases The Yearbook of Agriculture. 553-560.
- Gay, J. Dan, A. W. Johnson, and R. B. Chalfant. 1973. Effects of a trap-crop on the introduction of cowpea virus by soil and insect vectors. Plant Dis. Reptr. 57(8):684-688.

- Good, J. M. 1972. Management of plant parasitic nemtode populations. Proceedings Tall Timbers Conference on Ecological Animal Control by Habitat Management. 4:109-127.
- 1973. Pilot programs for integrated pest management in the United States. Presented at the US-USSR Pest Management Conference Sept. 10-18, 1973, Kiev, USSR. 1-11.
- Good, J. M., W. S. Murphy, and B. B. Brodie. 1973. Population dynamics of plant nematodes in cultivated soil; Length of rotation in newly cleared and old agricultural land. J. Nematol. 5(2):117-122.
- Hijink, M. J. 1972. An integrated approach in the control of potato root eelworm. OEPP/EPPO Bulletin 7:41-48.
- Jones, F. G. W. 1972. Management of nematode populations in Great Britain. Proceedings Tall Timbers Conference on Ecological Animal Control by Habitat Management. 4:81-107.
- di Muro, A. 1972. Effects of various plants on root-knot nematodes in two-year tobacco rotation plots. (Abstract). XIth International Symposium of Nematology, Reading. 19-20.
- Nusbaum, C. J. and Howard Ferris. 1973. The role of cropping systems in nematode population management. Annual Review of Phytopathology 11: 423-440.
- Orr, Calvin C. and A. D. Brashears. 1973. Seed treatment for root-knot nematode control on cotton. Plant Dis. Reptr. 57(2):129-130.
- Overman, Amegda J., H. A. Bryan, and R. W. Harkness. 1972. Effect of weed control on nematodes and potato (Solanum tuberosum L.) yields in marl type soils. (Abstract). Nematropica 2(1):8-9.
- Parker, M. B., N. A. Minton, O. L. Brooks, and C. E. Perry. 1973. Influence of subsoiling, fertility and nematicide treatments on soybeans grown on a marlboro soil infested with lance nematodes. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0217.
- Poinar, Jr., George O. 1968. Parasitic development of Filipjevimermis leipsandra Poinar and Welch (Mermithidae) in Diabrotica u. undecimpunctat (Chrysomelidae). Proc. Helm. Soc. Wash. 35(2):161-169.
- Poinar, Jr., George, Evangeline A. Yarwood, and J. Weiser. 1972. Clarification of the status of the DD-136 strain of Neoaplectana carpocapsae Weiser. Nematologica 18(2):288-290.

Riispere, U. and E. Krall. 1970. Results of some soil and sand culture experiments for examination of relationships in the parasite-host system on Heteroderosis of legumineous plants. Proc. IX Int. Nem. Symposium (Warsaw, 1967). 92:267-272.

Schönrok-Fischer, Ruth and L. Schwäbe. 1973. Untersuchungen über möglichkeiten zur verminderung nematodenbedingter ertragsverluste bei knozentriertem getreidebau. Akademie Der Landwirtschaftswissenchaften Der Deutschen Demokratischen Republik. 55-69.

Sosa Moss, C. and C. Gonzalez P. 1973. Response of fertilized and non fertilized corn to 4 different population levels of Heterodera punctata (Nematoda:Heteroderidae). Nematropica 3(1):13-14.

Southards, C. J. and B. C. Nichols. 1972. Population dynamics of Meloidogyne incognita in crop rotations of tobacco, sod and forge crops. (Abstract). J. Nematol. 4(4):p. 234.

Thorne, Gerald and Jesse Roman. 1964. Fallow controls nematodes in tomato production. P. R. U. J. Agric. 48(2):163-164.

Vargas, F. O. 1972. Cultural methods for control of <u>Meloidogyne</u> incognita (Nematoda: Heteroderidae) in tobacco (<u>Nicotiana</u> tabacum L.). (Abstract). Nematropica 2(1):p. 11.

## CHEMICAL CONTROL

Abawi, G. S. and W. F. Mai. 1972. Mode of action of Vydate in controlling <u>Pratylenchus penetrans</u>. (Abstract). J. Nematol. 4(4):p. 219.

Arlt, Gisela, Lothar Kampfe and Christel Thiede. 1971. Beitrag zur kombinierten Vorprüfung nematizider substanzen. Nachrichtenblatt für den Pflanzenschutzdienst in der DDR 12:246-250.

Ayala, A. M. Colon-Ferrer and D. Cuebas. 1973. The chemical control of phytoparasitic nematodes on tomato, pepper, okra and cucumber in sandy soil. (Abstract). Nematropica 3(1):p. 1.

Backman, P. A. and R. Rodriguez-Kabana. 1973. Efficacy of fungicidenematicide combinations for seed treatment of soybeans. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0856.

- Baines, R. C., L. H. Stolzy, C. K. Latanauskas, and T. W. Embleton. 1965. Effect of the citrus nematode (<u>Tylenchulus semipenetrans</u>) on the growth, yield, and chemical composition of citrus trees. Comptes-Rendus Des Premieres Journees Phytiatrie et de Phytopharmacie Circum-Mediterraneennes. p. 47.
- Berge, J. B. and A. Cuany. 1972. Activite de l'aldicarbe sur les oeufs de Meloidogyne arenaria. Academie D'Agriculture De France. 371-376.
- 1972. Determination of optimal applications of an endotherapic nematicide: Trial of splitted applications of aldicarbe on roses infested by <u>Pratylenchus vulnus</u>. Revue de Zoologie Agricole et de Pathologie Vegetale. 85-94.
- 1972. Action de quelques produits nematicides sur les oeufs de <u>Meloidogyne arenaria</u>. Overdruk Uit: Mededelingen Fakulteit Landbouw. Wetenschappen Gent 37:(2):808-815.
- Bindra, O. S. and K. K. Kaushal. 1971. Chemical root-dips for control of root-knot nematode attacking tomato. PANS 17(4):453-457.
- Birchfield, W. and W. J. Martin. 1973. Effects of new nematicides on nematode populations and plant yields. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0340.
- Bristline, F. W. and J. H. O'Bannon. 1972. Responses of citrus to subsurface tree-site application of methyl bromide. (Abstract). J. Nematol. 4(4):p. 220.
- Brod, G. 1970. Erfahrugen bei der Ausbringung von nematiziden granulaten zur bekämpfung des rubenkopfalchens (<u>Ditylenchus dipsaci</u>). Gesudne Pfl. 22(6):109-110, 112-114.
- Brodie, B. B. and P. D. Dukes. 1972. The relationship between tobacco yield and time of infection with <u>Meloidogyne javanica</u>. J. Nematol. 4(2):80-83.
- Brodie, B. B. and J. M. Good. 1973. Relative efficacy of selected volatile and nonvolatile nematicides for control of <u>Meloidogyne incognita</u> on tobacco. J. Nematol. 5(1):14-18.
- Bromilow, R. H. 1973. Breakdown and fate of oxime-carbamate nematicides in crops and soils. Ann. appl. Biol. 75(3):473-479.
  - and G. B. Sykes. 1973. Control of tobacco rattle virus potatoes. Ann. appl. Biol. 75(3):462-464.

- Castro, C. E. and I. J. Thomason. 1973. Permeation dynamics and osmoregulations in Aphelenchus avenae. Nematologica 19(1):100-108.
- Cayrol, J. C. and M. Ritter. 1971. Nematodes et nematicides en myciculture. VIIth Intern. Congr. Mushroom Science, Lond. 867-879.
- Cayrol, J. C., A. Cuany, and M. M. B'chir. 1972. The action of some nematicides on the association between nematodes and nematode-trapping fungi. (Abstract). XIth International Symposium of Nematology, Reading. 8-9.
- Chalfant, R. B. and A. W. Johnson. 1972. Field evaluation of pesticides applied to the soil for control of insects and nematodes affecting southern peas in Georgia. Journal of Economic Entomology 65(6):1711-1713.
- Coleva, B. 1970. Tests of physical and chemical methods for control of nematodes in mushroom houses. Rasten. Nauki, Sof. 7(1):145-152.
- Cook, R. and P. A. York. 1972. The effects of benomyl on <u>Heterodera</u> avenae on barley. Plant Dis. Reptr. 56(3):261-264.
- Cooke, D. A. and A. P. Draycott. 1971. The effects of soil fumigation and nitrogen fertilizers on nematodes and sugar beet in sandy soils. Ann. appl. Biol. 69(3):253-264.
- Cooke, D. A. and R. Hull. 1972. The effect of soil fumigation with D-D on the yields of sugar beet and other crops. Ann. appl. Biol. 71(1): 59-67.
- Cooke, D. A., R. A. Dunning, and G. H. Winder. 1973. Control of sugarbeet docking disorder: trials comparing application of fumigants and aldicarb. Ann. appl. Biol. 75(3):460
- Critchley, B. R. 1972. Effects of three soil fumigants on carabidae. Pl. Path. 21(4):188-194.
- Cuany, A. 1970. Etude de l'action de l'aldicarbe vis a vis de l' <u>Heterodera</u> de l'oeillet dans le midi Mediterraneen. Phytiatrie-Phytopharmacie 19:177-184.

Cuany, A., Ritter, M., Scotto La Massese, C. 1970. Nouvelles possibilites de lutte contre les nematodes phytophase par l'emploi de substances non phytotoxiques. Station de Recherche sur les Nematodes - Centre de Recherche agronomique. 605-612.

Cuany, A. 1971. Les techniques d'application des nematicides. Les Nematodes Des Cultures. 607-644.

Cuany, A. and C. Scotto La Massese. 1971. Les nematicides. Les Nematodes Des Cultures. 663-758.

Cuany, A., J. B. Berge and Scotto La Massese. 1973. Observations sur l'emploi des nematicides endotherapiques contre le genre Meloidogyne en horticulture florale. OEPP/EPPO Bulletin 3(1):75-87.

Dalmasso, A. 1970. La desinfection nematicide du sol dans la prevention de la gegenerscence infectieuse de la vigne. Station De Recherches Sur Les Nematodes-Antibes 315:55-56.

Decker, H. 1972. Zur systematik der phytonematoden der ordnung Tylenchida Thorne, 1949. "Probleme der Phytonematologie" Groß Lüsewitz. 51-75.

Dern, R. 1971. Experiences with Terracur P granular for the control of nematodes. Pflanzenschutz Nachrichten 24(3):476-485.

Dunning, R. A. and G. H. Winder. 1969. Trials on the control of docking disorder in sugar beet; seed and row treatment with nematicides. Proc. 5th Br. Insectic. Fungic. Conf. 265-273.

Eissa, M. F. M. 1971. The effect of partial soil sterilization on plant parasitic nematodes and plant growth. Mededelingen Landbouwhogeschool Wageningen - Nederland 71(14):129 pages.

Ennik, G. C. 1972. Dry matter yield response of pasture grass to application of nemafos (thionazin). Neth. J. Agric. Sci. 20:81-96.

Epstein, Ephraim and B. Bravdo. 1973. Effects of three nematicides on the physiology of rose infected with Meloidogyne hapla. Phytopathology 63(11):1411-1414.

Erenfelde, E. Ya. 1971. Applying 96% thiazon against potato nematodes in Latvain SSR. Bull. of the All-Union Scientific Research Institute of Plant Protection, Leningrad 17:45-47.

Escobar, M. A. and L. Abrego. 1972. Effect of 1410-L (experimental nematicide), by coffee (Coffea arabica L.) seed immersion, for prevention of root rot caused by <u>Pratylenchus coffeae</u>. (Abstract). Nematropica 2(1):p. 3.

- phorate. (Abstract). XIth International Symposium of Nematology, Reading. p. 21.
- Evans, A. A. F. 1973. Mode of action of nematicides. Ann. appl. Biol. 75(3):469-473.
- Feldmesser, J. 1972. Comparative laboratory and greenhouse evaluations of several nematicides. (Abstract). J. Nematol. 4(4):p. 223.
- Feldmesser, Julius and A. M. Golden. 1972. Control of nematodes damaging home lanwgrasses in two counties in Maryland. Plant Dis. Reptr. 56(6): 476-480.
- Fenili, Giorgio A. and Anna Marinari Palmisano. 1971. Prove di lotto can prodotti diversi contro i nematodi galligeni. Annali Dell'Istituto Sperimentale Per La Zoologia Agraria II:39-45.
- Ferrer, M. Colon, A. Ayala and D. Cuebas. 1972. Preliminary results of an experiment with nematicides for the control of nematodes attacking tomato (Lycopersicon esculentum Mill.) in sandy soils. (Abstract). Nematropica 2(1):2-3.
- Fischnaler, F. 1972. Determination of the best frequency of application of the experimental nematicides D-1410 for the control of <u>Meloidogyne</u> spp. in tomato. (<u>Lycopersicon esculentum Mill.</u>) (Abstract). Nematropica 2(1):p. 4.
- Foster, H. H., C. E. Gambrell, Jr., W. H. Rhodes, and W. P. Byrd. 1972. Effect of preplant nematicides and resistant rootstocks on growth and fruit production of peach tress in Meloidogyne spp. infested soil of South Carolina. Plant Dis. Reptr. 56(2):169-173.
- Giliomee, J. H. 1970. Aspects of the nematode problem in vineyards. Decid. Fruit Grow. 20:105-107.
- Gomez, J. 1973. Behavior of some granular nematicides for control of the golden nematode <u>Heterodera rostochiensis</u> Woll. on potato. (Abstract). Nematropica 3(1):p. 3.
- Gommers, F. J. 1971. A nematicidal principle from the roots of a <u>Helenium</u> hybrid. Phytochemistry 10:1945-1946.
- a-terthienyl, and related compounds by light. Nematologica 18(4): 458-462.

- Good, J. M. 1972. Nematodes. U.S. Dept. of Agriculture Farmer's Bulletin 2246:27-33.
- Gotoh, Akira and Zen-ichi Sano. 1971. Soil fumigation in sealed containers as a method of assaying nematicides. Proc. Assoc. Pl. Prot. Kyushu 17:81-84.
- Griffin, G. D. 1973. Importance of soil moisture on systemic control of <u>Heterodera schachtii</u>. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0857.
- Griffin, G. D. and T. G. Gessel. 1973. Systemic nematicide control of Heterodera schachtii on sugarbeet. Plant Dis. Reptr. 57(11):942-945.
- de Grisse, A., F. Moussa, and A. Heungens. 1971. Nematicidal effect of the soil conditioner "Hygromull" on soil inhabiting nematodes in comparison with "Dupont 1410" and "Busan 881". Mededelingen Fakulteit Landbouw. Wetenschappen Gent. 36(4):1365-1374.
- de Grisse, A. and F. Moussa. 1971. The attractiveness of tomato seedlings treated with aldicarb, to larvae of the potato cyst eelworm, Heterodera rostochiensis. Mededelingen Fakulteit Landbouw. Wetenschappen Gent. 36(4): 1429-1431.
- Guskova, L. A. 1973. Differential approach to the control of golden nematode (<u>Heterodera rostochiensis</u>). (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0215.
- Haddad, O., Julia A. Meredith and G. J. Martinez R. 1973. Preliminary study on nematode control in banana and plantain planting material. Nematropica 3(2):29-45.
- Heide, A. 1972. Der einfluß einer zusatzberegnung auf die populatinsdynamik wandernder wurzel-nematoden, insbesondere der gattung <u>Pratylenchus</u>. "Probleme der Phytonematologie" Groß Lüsewitz. 86-101.
- Heide, A. and V. Palm. 1972. Bekämpfung von wurzelgallenälchen und wandernden wurzelnematoden mit herabgestezten aufwandmengen von vapam (nematin). "Probleme der Phytonematologie" Groß Lüsewitz. 49-50.
- Heide, A. 1973. Bekämpfung von wurzengallenälchen und wandernden wurzelnematoden mit verminderten aufwandmengen von nematin und basamid. Akademie Der Landwirtschaftswissenschaften Der Deutschen Demokratischen Republik. 85-100.
- d'Herde, C. J. 1970. Nematode control, chemical and non-chemical and prospects for the future. (Technical Review). Proceedings of the Second International Congress of Parasitology, Part 4, p. 1.

- Heungens, A. and A. T. de Grisse. 1972. De invloed van nematiciden op Pratylenchus penetrans en de groei van coniferen. B.V.O. Mededelingen 66:1-4.
- Hickling, Gillian E. 1972. Control of nematodes in stored yams in Jamaica. (Abstract). XIth International Symposium of Nematology, Reading. p. 28.
- Hide, G. A. and D. C. M. Corbett. 1973. Controlling early death of potatoes caused by <u>Heterodera rostochiensis</u> and <u>Verticillium dahliae</u>. Ann. appl. Biol. 75(3):461-462.
- Hodges, L. R. and B. Lear. 1973. Distribution and persistence of 1,2-dibromo-3-chloropropane in soil after application by injection and in irrigation water. Nematologica 19(2):146-158.
- 1973. Efficacy of 1,2-dibromo-3-chloropropane for control of Meloidogyne javanica as influenced by concentration, exposure time and rate of degradation. J. Nematol. 5(4):249-253.
- Hollis, J. P. 1972. Competition between rice and weeds in nematode control tests. (Abstract). Phytopathology 62(7):p. 764.
- 1972. Nematicide Weeds interaction in rice fields. Plant Dis. Reptr. 56(5):420-424.
- Homeyer, B. 1971. Terracur P, a broad spectrum soil insecticide and nematocide. Pflanzenschutz Nachrichten 24(3):367-406.
- Hutton, D. G. and D. C. Chung. 1973. Effects of post-planting applications of the nematicide DBCP to plantain. Nematropica 3(2):46-50.
- Ichinohe, Minoru. 1973. Nematodes and their control in Japan. Japan Pesticide Information 14:11-18.
- Inserra, R. and F. Lamberti. 1972. Preliminary trials of the chemical control of the stem neamtode on onion in Apulia. (Abstract). XIth International Symposium of Nematology, Reading. p. 31.
- Johnson, A. W. and R. B. Chalfant. 1972. Control of nematodes and corn earworm on sweet corn. (Abstract). J. Nematol. 4(4):227-228.
- Johnson, A. W. and D. L. Gill. 1972. Control of the root-knot nematode, Meloidogyne incognita, on mimosa (Albizzia julibrissin) by chemical dips. J. Nematol. 4(1):68-69.

- Johnson, A. W. 1973. Effect of nematicides and row spacing on control of root-knot nematodes and yield of snap beans. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0216.
- Johnson, A. W. and G. W. Burton. 1973. Comparison of millet and sorghum-sudangrass hybrids grown in untreated soil and soil treated with two nematicides. J. Nematol. 5(1):54-59.
- Johnson, A. W. and R. B. Chalfant. 1973. Influence of organic pesticides on nematode and corn earworm damage and on yield of sweet corn. J. Nematol. 5(3):177-180.
- Joubert, J., A. Dalmasso, and M. C. Munck-Cardin. 1971. Etude et controle d'un complexe pathologique etabli sur pomme de terre dans la sarthe. Academie D'Agriculture De France. 1433-1444.
- Jung, H. F. and K. Iwaya. 1971. Terracur P, an insecticide and nematocide especially suitable for use in rice crops. Pflanzenschutz Nachrichten 24 (3):486-502.
- 1972. The major insect pests of tropical and subtropical rice, and their control. Pflanzenschutz Nachrichten 1:85-112.
- Kaai, C. and J. L. Koert. 1971. Die wirkung von Phytosol gegen stengelnematodenbefall an Zwiebeln. (Effectiveness of Phytosol against stem and bulb nematode infestation on onions.). Pflanzenschutz-Nachrichten Bayer 24:527-538.
- 1971. Control of stem nematodes on onions with Phytosol. Pflanzenschutz Nachrichten 24(3):525-535.
- Kaai, C. 1972. Dosage and effect of systemic nematicides. (Abstract). XI International Symposium of Nematology, Reading. 33-34.
- 1972. Systemische nematiciden. Overdruk uit Gewasbescherming  $\overline{3(2):33-40}$ .
- Kalyviotis-Gazela, Clairy and C. N. Koliopanos. 1972. Control of the citrus nematode (<u>Tylenchulus semipenetrans</u> Cobb, 1913) with DBCP and thionazin. Annis. Inst. phytopath. Benaki, N.S. 10(3):229-235.
- Kämpfe, Lothar. 1971. Zur untersuchung potentieller nematizide im labormaBstab und ihrer problematik. Probleme Der Phytonematologie. 1-26.

Pflanzenschutz-dienst in der DDR 1:17-19.

1972. Moderne system-nematizide - ihre biologischen und praktischen aspekte. "Probleme der Phytonematologie" Groß Lüsewitz. 23-46.

1973. Die vitalität von zystenbildenden nematoden nach dazomet- bzw. Aldicarb-behandlung und anschließender Unberwinterung. Arch. Phytopathol. u. Pflanzenschutz 9:179-195.

Kinloch, R. A. 1972. Evaluation of varietal and nematicidal combination for the control of <u>Meloidogyne incognita</u> on soybean. (Abstract). J. Nematol. 4(4):228-229.

Kissler, J. J., J. V. Lider, R. D. Raabe, D. J. Raski, R. V. Schmitt, and J. H. Hurlimann. 1973. Soil fumigation for control of nematodes and oak root fungus in vineyard replants. Plant Dis. Reptr. 57(2):115-119.

Kolbe, W. 1971. Studies on the control of nematodes with Terracur P in tree nurseries, fruit crops, vegtables and field crops. Pflanzenschutz Nachrichten 24(3):431-475.

Kyrou, N. C. 1973. Effects of soil treatments on root-knot nematodes and tomato yields under field conditions. Plant Dis. Reptr. 57(12):

1973. Soil treatments for control of root-knot nematodes (Meloidogyne incognita) in greenhouse-grown cucumber. Plant Dis. Reptr. 57(12):1032-1033.

Lamberti, F. 1972. Control of root-knot nematode on carnation in southern Italy. (Abstract). XIth International Symposium of Nematology, Reading. 39-40.

Laughlin, C. W. and J. M. Vargas, Jr. 1972. Influence of benomyl on the control of <u>Tylenchorhynchus</u> <u>dubius</u> with selected nonfumigant nematicides. Plant Dis. Reptr. 56(6):546-548.

Lear, Bert. 1972. Nematicides with low vapor pressure and solubility for control of the sugarbeet nematode on brussels sprouts. Plant Dis. Reptr. 56(5): 375-377.

McElroy, F. D. 1973. Control of <u>Pratylenchus penetrans</u> in raspberry root cuttings. Plant Dis. Reptr. 57(6):492-495.

- McKenry, M. V. and I. J. Thomason. 1972. A generalized concept concerning the distribution of fumigant-type pesticides in soils. (Abstract). J. Nematol. 4(4):p. 230.
- McLeod, R. W. 1973. Suppression on Aphelenchoides composticola and Ditylenchus myceliophagus on Agaricus bisporus by thiabendazole and benomyl. Nematologica 19(2):236-247.
- Mai, W. F. and K. G. Parker. 1972. Root diseases of fruit trees in New York state. IV. Influence of preplant treatment with a nematicide, charcoal from burned brush, and complete mineral nutrition on growth and yields of sour cherry trees and numbers of <u>Pratylenchus penetrans</u>. Plant Dis. Reptr. 56(2):141-145.
- Mankau, R. and J. Imbriani. 1971. Tolerance and uptake of 1,2-dibromoethane by nematode-trapping fungi. Phytopathology 61(12):1492-1497.
- Mankau, R. and N. Prasad. 1972. Possibilities and problems in the use of a sporozoan endoparasite for biological control of plant parasitic nematodes. (Abstract). Nematropica 2(1):7-8.
- Marks, C. F., W. J. Saidak, and P. W. Johnson. 1972. Influence of soil management practices on numbers of the root-lesion nematode, <u>Pratylenchus penetrans</u>, in peach orchard soils. (Abstract). Phytopathology 62(7):p. 776.
- Marks, C. F. and T. R. Davidson. 1973. Effects of preplant and postplant nematicides on populations of nematodes in the soil and on growth of fruit trees in the Niagara peninsula. Can. Plant Dis. Surv. 53(4): 170-174.
- Mendoza, N. Marban. 1972. The nematicidal activity of two aminoalkyl esters of benzyldithiocarbamic acids. (Abstract). Nematropica 2(1):p. 8.
- Miller, P. M. 1972. Controlling <u>Heterodera tabacum</u> with <u>sprays</u> and soil treatment with nematicide 1410. Plant Dis. Reptr. 56(3):p. 255.
- Minton, N. A. and H. B. Gillenwater. 1972. Methyl bromide fumigation of peanut pods and shells to kill <u>Pratylenchus</u> <u>brachyurus</u>. (Abstract). J. Nematol. 4(4):230-231.
- of <u>Pratylenchus brachyurus</u> in peanut shells. J. Nematol. 5(2):147-149.
- Mukhopadhyaya, M. C. and M. R. Dalal. 1971. Effects of two nematicides on <u>Tylenchulus semipenetrans</u> and on sweetlime yield. Indian J. Nematol. 1(1):95-97.

Munnecke, Donald E. 1973. Factors affecting dosage responses (dr) of fungi to soil fungicides. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0608.

Myers, R. F. 1972. Assay of nematicidal and nematistatic chemicals using axenic cultures of <u>Aphelenchoides rutgersi</u>. Nematologica 18(4): 447-457.

Nelmes, A. J., D. L. Trudgill, and D. C. M. Corbett. 1973. Chemotherapy in the study of plant parasitic nematodes. Chemotherapeutic Agents in the Study of Parasites Symposia of the British Society for Parasitology, edited by Angela E. R. Taylor and R. Muller II:95-112.

Ngundo, B. W. 1972. Effects of <u>Meloidogyne</u> spp. on production of beans in Kenya. (Abstract). XIth International Symposium of Nematology, Reading. p. 50.

O'Bannon, J. H. and A. C. Tarjan. 1973. Preplant fumigation for citrus nematode control in Florida. J. Nematol. 5(2):88-95.

Orr, Calvin C. and Alan D. Brashears. 1972. DBCP fumigation for narrow-row cotton on the Texas high plains. Plant Dis. Reptr. 56(12):1065-1066.

Orr, Calvin C. 1973. Economics of root-knot nematode control on cotton by DBCP fumigant on the Texas high plains. J. Nematol. 5(1):69-71.

Osborne, P. 1973. The effect of aldicarb on the hatching of <u>Heterodera</u> rostochiensis larave. Nematologica 19(1):7-14.

den Ouden, H. 1971. De ontwikkeling van <u>Heterodera rostochiensis</u> larven in aardappelwortels bij behandeling met systemische nematiciden in het bijzonder aldicarb. Overdruk Uit: Mededelingen Fakulteit Landbouwwetenschappen Gent 36(3/4):889-903.

roses in a greenhouse. (Abstract). XIth International Symposium of Nematology, Reading. 17-18.

Overman, Amegda J. 1973. Response of strawberries to granular nematicides. (Abstract). Nematropica 3(1):p. 6.

Pagsuberon, Ignacio C. 1972. Nematodes aren't getting the credit they deserve. World Farming 14(1):10-11.

- Parisi, C. R. A., C. J. Torres G., and C. Sosa Moss. 1972. Incorporation of a systemic nematicide into string beans (Phaseolus vulgaris L.) by seed immersion method. (Abstract). Nematropica 2(1):p. 9.
- Perrotta, G. and A. Catara. 1969. Aspetti e problemi della lotta a mezzo di DBCP contro <u>Tylenchulus semipenetrans</u> Cobb, nematode parassita degli agrumi, alla fine di un quinquennion di. esperienze. Notiziarion sulle malattie delle piante. 80/81:197-208.
- Pitcher, R. S. and D. G. McNamara. 1973. The control of <u>Xiphinema</u> diversicaudatum, the vector of arabis mosaic virus in hops. Ann. appl. Biol. 75(3):468-469.
- Ponchillia, Paul E. 1973. Control of <u>Meloidogyne incognita</u> on peach by chemical bare-root dips. Plant Dis. Reptr. 57(6):489-492.
- Proude, C. K. 1971. Six years' results with Terrracur P in New Zealand. Pflanzenschutz Nachrichten 24(3):503-524.
- Proudfoot, K. G. and Ray F. Morris. 1972. Chemical control of the golden nematode, <u>Heterodera rostochiensis</u>: Greenhouse observations on the use of DPX 1410 as a potato seed piece treatment. Can. Plant Dis. Surv. 52 (3):105-106.
- Radewald, J. D., R. G. Maire, F. Shibuya, and S. A. Sher. 1972. Control of stunt nematode (Tylenchorhynchus claytoni) on azalea (Rhododendron indicum). Plant Dis. Reptr. 56(6):540-543.
- Radewald, J. D., D. Rosedale, F. Shibuya, and J. Nelson. 1973. Control of the citrus nematode, <u>Tylenchulus semipenetrans</u>, with foliar Vydate sprays on Valencia oranges in southern California. (Abstract). Phytopathology 63(10):p. 1217.
- Raski, D. J. and R. V. Schmitt. 1972. Progress in control of nematodes by soil fumigation in nematode-fanleaf infected vineyards. Plant Dis. Reptr. 56(12):1031-1035.
- Raski, D. J., R. V. Schmitt, and C. Hemstreet. 1973. Comparison of grape rootstocks in nematode-infested soil after preplant soil fumigation. Plant Dis. Reptr. 57(5):416-419.
- Raski, D. J., R. V. Schmitt, D. A. Luvisi, and J. J. Kissler. 1973. 1,3-D and methyl bromide for control of root-knot and other nematodes in vineyard replants. Plant Dis. Reptr. 57(7):619-623.
- Reddy, D. D. R. and A. R. Seshadri. 1971. Studies on some systemic nematicides. I. Evaluation for systemic and contact action against the root-knot nematode, <u>Meloidogyne incognita</u>. Indian J. Nematol. 1(2):199-208.

- Rhoades, H. L. 1972. Chemical control of the sting nematode, Belonolaimus longicaudatus, on cabbage. (Abstract). XIth International Symposium of Nematology, Reading. p. 57.
- Rich, J. R. and G. W. Bird. 1973. Inhibition of Rotylenchulus reniformis penetration of tomato and cotton roots with foliar applications of oxamy1. J. Nematol. 5(3):221-224.
- Riedel, R. M., D. Q. Peirson, and C. C. Powell. 1973. Chemical control of foliar nematodes (Aphelenchoides fragariae) on Rieger begonia. Plant Dis. Reptr. 57(7):603-605.
- Robbins, R. T., O. J. Dickerson, and J. H. Kyle. 1972. Pinto bean yield increased by chemical control of <u>Pratylenchus</u> spp. J. Nematol. 4(1):28-32.
- Rodriquez-Kabana, R. 1972. Response of Bragg soybeans...Highlights of Agric. Res., Auburn Univ. Agr. Exp. Sta. 19(2):p. 3.
- Rodriquez-Kabana, R. and Peggy S. King. 1973. In vitro studies on the nematicidal properties of hydrogen peroxide. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0859.
- Roman, J., X. Rivas, I. Reyes, and G. Mangual. 1972. Studies on the use of nematicides on vegetable crops. (Abstract). Nematropica 2(1):9-10.
- Ross, Norman W. and J. L. Meyer. 1972. No more poor orchards... backhoeing and fumigating for orchards. Down to Earth 28(2):1-4.
- Rush, M. C., C. W. Averre, K. R. Barker, and J. N. Sasser. 1972. Nematicidal properties of potassium and sodium azides under laboratory, greenhouse, and field conditions. Phytopathology 62(7):p. 786.
- di Sanzo, C. P. 1973. Nematode response to carbofuran. J. Nematol. 5(1):22-27.
- Sasser, J. N. 1972. Managing nematodes by plant breeding. Proceedings Tall Timbers Conference on Ecological animal Control by Habitat Management. 4:65-80.
- Sasser, J. N., L. A. Nelson, and K. R. Barker. 1972. Effects of Trichodorus christiei and Belonolaimus longicaudatus on growth and yield of soybean following chemical soil treatment. (Abstract). J. Nematol. 4(4):233-234.

Saxena, P. K., H. K. Chhabra and Kiran Jasial. 1973. Control of nematodes infesting grape-vines through chemicals. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0219.

Schmidt, W. 1972. Der einfluß einer Pflanzenschutzmittelbehandlung auf die entwicklung verschiedener getreidearten und deren befall durch wurzelnematoden. "Probleme der Phytonematologie" Groß Lüsewitz. 47-48.

1973. Der einfluß einer herbizidbehandlung auf weizen und die entwicklung von wurzelnematoden. Akademie Der Landwirtschaftswissenschaften Der Deutschen Demokratischen Republik. 70-84.

Scotto La Massese, C. 1965. Essai de traitements localises diriges contre la ceratite en vue de preciser les conditions d'emploi des preparations associant un hydrolysat de proteine au malathion. Comptes-Rendus Des Premieres Journees de Phytiatrie et de Phytopharmacie Circum-Mediterraneeunes. 83-88.

1965. Influence de l'addition d'hydrolysats de proteine sur l'activite insecticide du malathion utilise en pulverisations localisees contre <u>Ceratitis capitata</u> wied dans une orangeraie de la mitidja (Algerie). Comptes-Rendus Des Premieres Journees Phytiatrie Phytopharmacie Circum-Mediterraneenes. 89-103.

1965. Essais de destruction de <u>Tylenchulus</u> semipenetrans Cobb 1913 sur les scions de citrus issus de pepinieres. Comptes-Rendus Des Premieres Journees Phytiatrie et de Phytopharmacie Circum-Mediterraneenes. 48-51.

1971. Effects d'un traitement du sol au melange dichloropropene-dichloropropane sur les manifestations de la chlorose calcique par 7 porte-groffes du pecher. Overdruk Uit:Mededelingen Fakulteit Landbouw-Wetenschappen Gent 36(1):174-184.

- 1973. Dosage of nematicidal fumigants and mortality of nematodes. Netherlands Journal of Plant Pathology 79(5):180-188.
- Seinhorst, J. W. and H. den Ouden. 1973. A comparison of the sensitivities of Rotylenchus uniformis and eggs of Heterodera rostochiensis to dichloropropane-dichloropropene mixture. Nematologica 19(3):394-398.
- Singh, N. D. 1973. Effects of chemical compounds on nematode populations and yield of sweet pepper (<u>Capsicum annum L.</u>) (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0218.
- 1973. Effects of fumigants on nematode populations, weeds, and yield of tomato. Nematropica 3(1):8-11.
- Smith, A. L. 1948. Soil treatment control of <u>Fusarium</u> wilt and nematodes of cotton. Phytopathology 38:p. 573.
- Smith, J. C. 1972. Tobacco thrips Nematode control on Virginia-type peanuts. Journal of Economic Entomology 65(6):1700-1703.
- Sosa Moss, C. and J. S. Camacho Guerrero. 1973. Protection of bean against <u>Meloidogyne incognita</u> by chemical treatment of the seed. Nematropica 3(1):12-13.
- Sosa Moss, C. and H. Weihs A. 1973. Use of molasses on bean to control Meloidogyne incognita (Kofoid and White) Chitwood (Nematoda: Heteroderidae). Nematropica 3(1):18-19.
- d'Souza, G. I., P. R. Kasi Viswanathan and Λ. C. Kumar treatment for the control of <u>Pratylenchus coffeae</u> i Indian Coffee XXXV(8):1-3.

- Steudel, Werner. 1972. Versuche zum einfluss von aldicarb auf den schlüpfvorgang bei zysten von <u>Heterodera schachtii</u> nach längerer einwirkung. Nematologica 18(2):270-274.
- 1972. Eight years' experience with monoculture of sugarbeet in soil infested with <u>Heterodera schachtii</u>. (Abstract). XIth International Symposium of Nematology Reading. 70-71.
- Streu, Herbert T. and Louis M. Vasvary. 1967. The nematocidal activity of some insecticides in turfgrass. Turfgrass:Report on Turfgrass Research, N. J. Agri. Expt. Sta. Bull. 818:121 pages.
- Strider, D. L. 1973. Control of <u>Aphelenchoides</u> <u>fragariae</u> of Rieger begonias. Plant Dis. Reptr. 57(12):1015-1019.
- Szczygiel, A. 1970. The trials on control of leaf and bud nematodes Aphelenchoides spp. in strawberries with some phosphoro-organic granular compounds and Temik. Prace Instytutu Sadownictwa XIV:231-240.
- Tacconi R. and A. Ugolini. 1971. Ricerche e prove di lotta contro il nematode dorato della patata (Heterodera rostochiensis Woll.) Estratto dal volumes: "Atti Giornate Fitopatologiche". 669-678.
- Tapia, C. O. 1972. Control of root knot nematodes (Meloidogyne spp.) in tomato (Lycopersicon esculentum Mill.) seedbeds. (Abstract). Nematropica 2(1):p. 10.
- 1972. Control de nematodos noduladores <u>Meloidogyne</u> spp. en almacigueras de tomate (<u>Lycopersicon esculentum Mill.</u>). Nematropica 2(2):44-46.
- Tarjan, A. C. 1972. Reponse of <u>Pratylenchus</u>-infected citrus seedlings to stem applications of a paste of ethyl 4-(methylthio)-m-Tolylisopropylphosphoramidate. Plant Dis. Reptr. 56(7):626-627.
- Tarjan, A. C., M. F. Jimenez and J. Soria V. 1972. Improving yields from nematode-infected cacao trees (Theobroma cacao L.) in Costa Rica by use of nematicides. (Abstract). Nematropica 2(1):10-11.
- Taylor, C. E. and T. J. W. Alphey. 1973. Aspects of the systemic nematicidal potential of Du Pont 1410 in the control of <u>Longidorus</u> and <u>Xiphinema</u> virus vector nematodes. Ann. appl. Biol. 75(3):464-467.
- Taylor, G. S. and S. Rich. 1973. Ozone fleck on tobacco reduced by benomyl and carboxin in soil. (Abstract). Phytopathology 63(2): p. 208.
- Templeton, G. E., T. H. Johnston, and J. T. Daniel. 1971. Benomyl controls rice white tip disease. Phytopathology 61(12):1522-1523.

- on water uptake. (Abstract). XIth International Symposium of Nematology, Reading. p. 75.
- Thomason, I. J. and H. E. McKinney. 1972. Combined use of fumigant and nonfumigant nematicides. (Abstract). J. Nematol. 4(4):p. 235.
- Thomason, Ivan. J. and Anton Hough. 1973. Behavior of aldicarb in soil and its effect on <u>Heterodera schachtii</u> and <u>Meloidogyne javanica</u>. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0858.
- Todd, James W., N. A. Minton, and P. D. Dukes. 1972. Infestations of phytophagous insects on soybeans following applications of du Pont 1410 foliar sprays and other insecticides applied to the soil. Journal of Economic Entomology 65(1):295-296.
- Tovar, J. Gomez. 1972. Preliminary study of the coffee root knot nematode (Meloidogyne exigua) and its control. (Abstract). Nematropica 2(1):4-5.
- Turner, G. O. 1972. The effect of soil conditions and application methods on sugar beet nematode control with Telone soil fumigant. Down to Earth 28(3):12-13.
- Vanfleteren, J. R. and D. E. Roets. 1972. The influence of some anthelmintic drugs on the population growth of the free-living nematodes Caenorhabditis briggsae and Turbatrix aceti (Nematoda:Rhabditida). Nematologica 18(3):325-338.
- Van Gundy, S. D., D. Munnecke, J. Bricker, and R. Minteer. 1972. Response of <u>Meloidogyne incognita</u>, <u>Xiphinema index</u>, and <u>Dorylaimus</u> sp. to methyl bromide fumigation. Phytopathology 62(1):191-192.
- Venturi, G. 1971. A competitive sugar beet production inside the European common market. Riv. Agron. 5(2-3):165-176.
- Vuong-Huu-Hai and H. Rodriguez. 1972. Chemical control of rice nematodes in Madagascar. (Abstract). XIth International Symposium of Nematology, Reading. 78-79.
- Walla, W. J. and W. H. Thames. 1972. Evaluation of soil fumigant application methods in raised beds using the diffusion patterns of 1,2-dibromo-3-chloropropane and the correlation of these patterns to control of Meloidogyne incognita. (Abstract). J. Nematol. 4(4): p. 236.

- Webb, David M. 1972. Putting the clamps on nematodes. World Farming 14(1):6-9.
- Webb, R.M. and D. C. M. Corbett. 1973. The effect of phorate on nematode populations in wheat grown continuously on ploughed and unploughed soil. Soil Biol. Biochem. 5:585-591.
- Whitehead, A. G. and S. N. Ahmed. 1972. Effect of "Dowco 275" a new organophosphorus nematicide, on potato cyst nematode. Pl. Path. 21(4): 155-157.
- Whitehead, A. G., Janet E. Fraser, and G. Storey. 1972. Chemical control of potato cyst-nematode in sandy clay soil. Ann. appl. Biol. 72(1):81-88.
- Whitehead, A. G. and D. J. Tite. 1972. Control of stem nematode (<u>Ditylenchus dipsaci</u>) attacking onions by Aldicarb and Dazomet in sandy loam. Plant Pathology 21(2):89-92.
- Whitehead, A. G., Tite, D. J., Fraser, Janet E. and French, Eileen M. 1972. Control of potato cyst-nematode, <u>Heterodera rostochiensis</u>, in peaty loam soil by D-D, aldicarb and a resistant variety of potato. Ann. appl. Biol. 72(3):307-312.
- Whitehead, A. G. 1973. Control of cyst-nematode (<u>Heterodera spp.</u>) by organophosphates, oximecarbamates and soil fumigants. Ann. appl. Biol. 75(3):439-453.
- Whitehead, A. G., D. J. Tite, and Janet E. Fraser. 1973. Control of potato cyst-nematode, <u>Heterodera rostochiensis</u>, in sandy loam, by Du Pont 1410 (S-methyl 1-(dimethylcarbamoyl)-N-(methycarbamoyl) oxylthioformimidate) applied to the soil at planting time. Ann. appl. Biol. 73(3):325-328.
- Whitehead, A. G., D. J. Tite, Janet E. Fraser, and Eileen M. French. 1973. Control of potato cyst-nematode <u>Heterodera rostochiensis</u>, in silt and peat loams by ten pesticides applied to the soil at planting time. Ann. appl. Biol. 73(2):197-201.
- 1973. Treating potato ridges in spring with aldicarb, D-D or dazomet to control potato cyst-nematode, <u>Heterodera rostochiensis</u>, in sandy clay and peat loam soils. Ann. appl. Biol. 73(2):203-210.

<sup>1973.</sup> Control of potato-cyst nematode, <u>Heterodera rostochiensis</u>, in three soils by small amounts of aldicarb, du pont 1410 or nemacur applied to the soil at planting time. Ann. appl. Biol. 74(1):113-118.

and silt loam soils. Ann. appl. Biol. 74(1):105-111.

1973. Control of potato cyst-nematode <u>Heterodera rostochiensis</u>, in sandy, peaty and silt loam soils by dazomet and telone applied in different ways. Ann. appl. Biol. 75(2):257-265.

Willis, C. B. and L. S. Thompson. 1973. Control of <u>Pratylenchus</u> penetrans in birdsfoot trefoil with oxamyl. Plant Dis. Reptr. 57(3): 237-240.

Winfield, A. L. 1973. Chemical control of <u>Ditylenchus dipsaci</u> in flower bulbs and onions. Ann. appl. Biol. 75(3):454-460.

Yokoo, Tamio, Tsugio Shirahama and Masami Imaizumi. 1972. Studies of the effects of nematocides (DBCP and DCIP) on the growth of rice plant and control of rice root nematodes. Agricultural Bull. of Saga University, Saga, Japan. 1-17.

## MISCELLANEOUS CONTROL

Gommer, F. J. and J. W. G. Geerligs. 1973. Lethal effect of near ultraviolet light on <u>Pratylenchus penetrans</u> from roots of Tagetes. Nematologica 19(3):389-393.

Saigusa, Toshiro, Yukio Ando, and Yosuke Yammoto. 1973. On the ecology and hot water treatment of the root lesion nematode of 1ily of the valley. Research Bulletin of the Plant Protection Service 11:37-47.

Steele, Arnold E. 1973. The effects of hot water treatments on survival on <u>Heterodera schachtii</u>. J. Nematol. 5(2):81-84.

## METHODOLOGY

Acedo, J. R. and V. H. Dropkin. 1973. An electron microscopic study of glycogen in Meloidogyne incognita. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0211.

Andersen, H. J. 1972. Culturing of <u>Pratylenchus penetrans</u> and <u>Pratylenchus thornei</u> on alfalfa callus-tissue. Statens Forsgsvirksomhed 1 Plantekultur. 375-377.

Anon. 1972. Vacuuming the golden nematode. Agricultural Research 21(3):p. 10.

- Barker, K. R., G. V. Gooding, Jr., A. S. Elder, and R. E. Eplee. 1972. Killing and preserving nematodes in soil samples with chemicals and microwave energy. J. Nematol. 4(2):75-79.
- Byrd, D. W., Jr., Howard Ferris, and C. J. Nusbaum. 1972. A method for estimating numbers of eggs of <u>Meloidogyne</u> spp. in soil. J. Nematol. 4(4):266-269.
- Campbell, W. F. and Griffin, G. D. 1972. Electron microscopy of stem nematode induced white flagging in alfalfa. (Abstract). Nevada Agric. Exp. Stn. Series T 14. p. 20.
- Cayrol, J. C. and M. Ritter. 1971. Progres realises dans les techniques d'elevage monoxenique des nematodes phytophages. Ann. Nutr. Alim. 25:193-202.
- Coolen, W. A. and C. J. D'Herde. 1972. A method for the quantitative extraction of nematodes from plant tissue. Ministry of Agriculture, Agric. Research Administration, State Agric. Res. Centre-Ghent. 1-75.
- Cuany, A. 1971. Les methodes physiques de lutte. Les Nematodes Des Cultures. 595-606.
- Dunn, Robert, A. 1973. Extraction of eggs of <u>Pratylenchus penetrans</u> from alfalfa callus and relationship between age of culture and yield of eggs. J. Nematol. 5(1):73-74.
- Durie, P. H. 1959. A new technique for the recovery of infective strongyle larvae from soil and pasture. Journal of Helminthology XXXIII(2/3):189-196.
- Esser, R. P. 1973. A four minute lactophenol fixation method for nematodes. Plant Dis. Reptr. 57(12):1045-1046.
- Esser, R. P. and J. B. MacGowan. 1973, Mountant control on glass. J. Nematol. 5(1):p. 76.
- Ferris, Howard. 1973. Computer simulation of a nematode/plant system. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 1024.
- Gooris, J. and C. J. D'Herde. 1972. A method for the quantitative extraction of eggs and second stage juveniles of <u>Meloidogyne</u> spp. from soil. Ministry of Agriculture, Agricultural Research Administration, State Agric. Res. Centre-Ghent. 1-36.
- Gowen, S. R. and J. E. Edmunds. 1973. An evaluation of some simple extraction techniques and the use of hydrogen peroxide for estimating nematode populations in banana roots. Plant Dis. Reptr. 57(8):678-681.

- de Grisse, A. T. 1972. Electron microscope studies of the stylet, stylet sheath and stylet muscle structure of Macroposthonia xenoplax and M. rustica. (Abstract). XIth International Symposium of Nematology, Reading. p. 17.
- Hafkenscheid, H. H. M. 1971. Influence of CUHions on <u>Trichodorus</u> pachydermus and an extraction method to obtain active specimens. Nematologica 17(4):535-541.
- Haverkate, F. 1972. Specific staining of living plant nematodes with 4-dimethylaminobenzenediazocyanide. Nematologica 18(3):414-416.
- Heald, C. M., W. H. Thames, and C. L. Wiegand. 1972. Detection of Rotylenchulus reniformis infestations by aerial infrared photography. J. Nematol. 4(4):298-300.
- Hijink, M. J 1971. Methoden ter bepaling van het effect van grondontsmetting op aaltjes in de grond. Gewasbescherming 2:77-82.
- Högger, Ch. and G. W. Bird. 1973. Critical point drying, freeze drying and glycerin infiltration for preparation of nematodes for scanning electron microscopy. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0205.
- Hrzic, Aleksander. 1971. A new method of nematode fixation. Zastita Bilja Plant Protection. 86-94.
- Hussey, R. S. and K. R. Barker. 1973. A comparison of methods of collecting inocula of Meloidogyne spp., including a new technique. Plant Dis. Reptr. 57(12):1025-1028.
- Ibrahim, I. K. A. and J. P. Hollis. 1973. Electron microscope studies on the cuticle of swarming and nonswarming <u>Tylenchorhynchus martini</u>. J. Nematol. 5(4):275-281.
- Jenkins, Jr., S. F. 1972. Interaction of <u>Pseudomonas solanacearum</u> and <u>Meloidogyne incognita</u> on bacterial wilt-resistant and susceptible cultivars of tomato. (Abstract). Phytopathology 62(7):p. 767.
- Jimenez, M. F. 1972. A rapid method for building nematode counting chambers. (Abstract). Nematropica 2(1):p. 6.
- Johnson, S. R. and R. D. Berger. 1972. Nematode and soil fungi control in celery seedbeds on muck soil. Plant Dis. Reptr. 56(8):661-664.

Jones, M. G. K., A. Novacky and V. H. Dropkin. 1973. Nematode induced giant cells - a model system for membrane potential measurements. (Abstract). 2nd International Congress of Plant Pathology, Minneapolis, Minnesota. p. 0398.

Juhl, M. 1973. A new suction trap with hand aspirator for collecting cysts and vermiform nematodes. Nematologica 19(3):399-400.

Kermarrec, A. and J. B. Berge. 1972. Methodes d'estimation des populations de nematodes des sols et des racines. Bull. Soc. Ecol. III(2):151-169.

Khan, Abrar M., S. K. Saxena, and M. M. Alam. 1972. A new device for rapid picking of nematodes from mixed population in aqueous suspension. Indian J. Nematol. 2(1):79-80.

Kiritani, Keizi and Tadami Matuzaki. 1969. On the extraction rate of nematodes by the Baermann funnel. Bull. Kochi Inst. Agr. and Forest Sci. 2:25-30.

Kumar, A. C. 1971. Modified Hesling's aspirator for selection of active nematodes from aqueous suspensions. Nematologica 17(4):601-602.

Lockhart, C. L. 1972. Control of nematodes in peat with formaldehyde. Can. Plant Dis. Surv. 52(3):p. 104.

McClure, Michael A., T. H. Kruk, and I. Misaghi. 1973. A method for obtaining quantities of clean Meloidogyne eggs. J. Nematol. 5(3): p. 230.

Malcevschi, Sergio and Aldo Zullini. 1972. Breve nota per un veloce montaggio di nematodi in glicerina. Bollettino di Zooliga agrarie e di Bachicoltura 11(2):19-20.

Mankau, R. 1973. A semiquantitative method for isolating and observing some parasites and predators of soil nematodes. (Abstract). Nematropica 3(1):5-6.

Marlatt, Robert B. 1972. Relationship of disease to methods of inoculation of <u>Ficus elastica</u> with <u>Aphelenchoides besseyi</u>. Plant Dis. Reptr. 56(6):471-473.

Moskaluk, E. R. and E. J. Hawn. 1973. A mechanical sieving apparatus for nematode extraction. J. Nematol. 5(1):p. 72.

Pijanowski, G. J., Cleveland, D. J., and Georgi, J. R. 1972. A glycol-methacrylate embedding technique for nematode whole mounts. Cornell Veterinarian 62(2):333-336.

parasitic nematodes. Nematologica 18(3):385-390.

Riedel, R. M., J. G. Foster and W. F. Mai. 1973. A simplified medium for monoxenic culture of <u>Pratylenchus penetrans</u> and <u>Ditylenchus dipsaci</u>. J. Nematol. 5(1):71-72.

Rodriguez-Kabana, R. and Peggy S. King. 1972. The use of sugarcane molasses as an economical subtitute for sugar in the extraction of nematodes from soil by the flotation-sieving technique. Plant Dis. Reptr. 56(12):1093-1096.

Rodriguez-Kabana, R. and P. A. Backman. 1973. Comparative study of sucrose vs molasses for the extraction of soil nematodes by the flotation method. (Abstract). Nematropica 3(1):7-8.

Rodriguez-Kabana, R. and Peggy S. King. 1973. The use of sugarcane molasses for extraction of nematodes from soil. (Abstract). Phytopathology 63(4):447-448.

Rössner, J. 1973. Anpassung wandernder wurzelnematoden an trockenheit in boden. Nematologica 19(3):366-378.

Roth, V. 1973. Die mechanisierung der bodenprobeentnahme für die untersuchung auf nematoden-zysten, insbesondere auf zysten des kartoffelnematoden (Heterodera rostochiensis Wollenweber). Akademie Der Lanwirtschaftswissenschaften Der Deutschen Demokratischen Republik. 101-108.

Sano, Zen-ichi and Akira Gotoh. 1972. Application of the Moje methods for testing the susceptibility of nematodes to chemicals. Proc. Assoc. Pl. Prot. Kyushu 18:1-6.

Scotto La Massese, C. 1972. The use of "isopathological curves" for estimation of parasitic pathogenicity, exemplified by <u>Tylenchulus</u> semipenetrans on citrus. (Abstract). XIth Internationa Symposium of Nematology, Reading. 61-62.

Seinhorst, J. W. 1973. How small is a small drop of water? Nematologica 19(1):p. 121.

Seymour, M. K. and C. C. Doncaster. 1972. Techniques for manipulating small nematodes. Nematologica 18(2):261-264.

Shukla, V. N., R. P. Nath, and Gopal Swarup. 1971. A modification of Minteer's device for rapid selection of large number of nematodes and eggs from aqueous suspensions. Indian J. Nematol. 1(1):87-88.

- Stelter, Von Helmut and Albrecht Raeuber. 1971. To the methodology of the resistance-test to <u>Heterodera rostochiensis</u> and the significancy of the results. Biol, Zbl. 90:357-363.
- Szczygiel, Adam. 1971. Use of centrifugal flotation technique for extracting nematodes from soil. Zeszyty Problemowe Postepow Nauk Rolniczych 121:169-177.
- Tarjan, A. C. 1972. Observations on extracting citrus nematodes, Tylenchulus semipenetrans, from citrus roots. Plant Dis. Reptr. 56(2): 186-188.
- Taylor, P. L., J. M. Ferris, and V. R. Ferris. 1973. Technique for quantifying injury to seedling soybeans by <u>Pratylenchus penetrans</u> without sacrificing the plant. J. Nematol. 5(1):68-69.
- Tobar Jimenez, Antonio. 1963. The behavior of a soil population and some plant parasitic nematodes in the processes of extraction of five different methods. Rev. Iber. Parasitol. 23(3-4):285-314.
- 1972. An experimental study of antagonisms between some plant-parasitic nematode species. (Abstract). XIth International Symposium of Nematology, Reading. 75-76
- Townshend, J. L. 1971. A rotary spindle for the preparation of small uniform soil columns. Canadian Journal of Soil Science 51:301-311.
- Trudgill, D. L., K. Evans and G. Faulkner. 1972. A fluidising column for extracting nematodes from soil. Nematologica 18(4):469-475.
- Valdez, R. B. 1972. A micro-container technique for studying virus transmission. Pl. Path. 21(3):114-117.
- Wehunt, E. J. 1973. Sodium-containg detergents enhance the extraction of nematodes. J. Nematol. 5(1):79-80.
- Willard, J. R. and M. S. Petrovich. 1972. A direct centrifugal-flotation method for extraction of nematodes from clay soils. Plant Dis. Reptr. 56(9):808-810.
- Wong, T. K. and W. F. Mai. 1972. A technique for studying the influence of oxygen of the invasion of <u>Meloidogyne hapla</u> in lettuce growing in soil. (Abstract). J. Nematol. 4(4):p. 237.
- Zacheo, G. and F. Lamberti. 1972. A rapid method for separating nematode eggs from the soil. (Abstract). XIth International Symposium of Nematology, Reading. p. 84.

## MISCELLANEOUS

(Compilations, Reports, Surveys, Distribution, etc.)

Abrego, L. and A. C. Tarjan. 1972. Plant parasitic nematode survey of important economic crops in El Salvador. (Abstract). Nematropica 2(1):p. 1.

1972. Reconocimiento de nematodos en cultivos de importancia economica en El Salvador. Nematropica 2(2):27-29.

Ali, S. Mehdi, M. Nasrullah Farooqui, and Swarnalata Tejpal. 1970. A report of <u>Prionchulus muscorum</u> (Dujardin, 1845) Chitwood & Chitwood, 1937 from Kashmir, India. Marathwada Univ. J. Sci. IX:157-159.

Ali, S. Mehdi and M. V. Suryawanshi. 1971. A report of <u>Dorylaimoides</u> arcuicaudatus Baqri and Jairajpuri, 1969 (Nematoda:Leptonchidae) from Marathwada, India. Marath. Univ. J. 10(3):49-51.

Anderson, H. J. 1972. Migratory nematodes at leguminous plants in Denmark. Statens Forsgsvirksomhed i Plantekultur 76:559-568.

Anon. 1968. Control of plant-parasitic nematodes. National Academy of Sciences 4:172 pages.

Anon (Prepared by the Committee on Form & Style of Council of Biology Editors). 1972. CBE Style Manual Third Edition. American Institute of Biological Sciences. 297 pages.

Anon. 1972. Landscape for living. The Yearbook of Agriculture. 376 pages.

Anon (Complied by David H. Girard). 1972. List of intercepted plant pests, 1970. (Pests recorded from July 1, 1969, through June 30, 1970). Animal and Plant Health Inspection Service U.S. Dept. of Agriculture 82-1.85.

Anon. 1973. 1973 Yearbook of Agriculture. U.S. Dept. of Agriculture. 388 pages.

Arias, M., A. Bello, J. M. Lopez-Pedregal, and F. Jimenez-Millan. 1968. Survey of Spanish distribution of plant nematodes. C.r. 8°Symp. Intern. Nematol. 8-14 Sept., Antibes. p. 74.

Baker, Kenneth F., Editor, George A. Zentmyer, and Ellis B. Cowling. 1973. Annual Review of Phytopathology. Annual Reviews, Inc., Palo Alto, California. 11:559 pages.

Brathwaite, Chelston W. D. 1972. Preliminary studies on plant-parasitic nematodes associated with selected root crops at the University of the West Indies. Plant Dis. Reptr. 56(12):1077-1079.

Brinkman, H., K. Kuiper and P. W. Th. Maas. 1971. Enige bijzondere aaltjesaantastingen in 1970. Gewasbecherming. 2:49-50.

Brown, E. B. 1972. Extension work—the changing scene. (Abstract). Xith International Symposium of Nematology, Reading. p. 3.

Burges, A. and F. Raw. 1967. Soil biology. Soil Biology. 1-532.

Cohn, E. 1973. Nematodes as possible vectors of virus diseases of citrus and other fruit crops. Agricultural Research Organization, Institute of Plant Protection. 79 pages.

Curi, S. M., L. G. E. Lordello, Arlete de Bona, and A. F. Cintra. 1970. Atual distribuicao geografica dos nematoides do cafeeiro, (Meloidogyne coffeicola e M. exigua), no estado de Sao Paulo. Separata de O Biologico 36:26-28.

Dickerson, O. J., W. G. Willis, F. J. Dainello, and J. C. Pair. 1972. The sting nematode <u>Belonolaimus</u> <u>longicaudatus</u>, in Kansas. Plant Dis. Reptr. 56(11):p. 957.

Edwards, D. I. and E. J. Wehunt. 1973. Hosts of <u>Pratylenchus coffeae</u> with additions from central American banana-producing areas. Plant Dis. Reptr. 57(1):47-51.

Epps, J. M., D. I. Edwards, J. M. Good, and R. V. Rebois. 1973. Annotated bibliography of nematodes of soybeans 1882-1968. Agricultural Reserach Service U.S. Dept. of Agriculture ARS-8:1-75.

Evans, A. A. F. 1972. The incidence of some plant and soil nematodes in Barbados, West Indies. (Abstract). XIth International Symposium of Nematology, Reading. p. 20.

Ferris, Virginia R., Julius Feldmesser, Eder Hansen, Norman Levine, and A. C. Triantaphyllou. 1972. The importance of discoveries in Nematology to human welfare. BioScience 22(4):237-239.

Gerlach, Sebastian A. and Franz Riemann. 1973. The Bremerhaven checklist of aquatic nematodes. Veröffentilichugen des Instituts für Meersforschung in Bremerhaven, Supplement 4. 404 pages.

Japan. 2 pages.

Gotoh, Akira. 1972. Genera of plant-parasitic nematodes found from forest soil in Kyushu. Japanese J. of Nematol. 2(12):23-24.

Granada, Ch., G. A. 1972. First report of the root knot nematode Meloidogyne hapla Chitwood in Colombia. (Abstract). Nematropica 2(1):p. 5.

de Grisse, A. 1971. <u>Tylenchulus semipenetrans</u> un nematode phytoparasitaire des agrumes au Zaïre. Mededelingen Fakulteit Landbouw. Wetenschappen Gent 36(4):1419-1427.

Grujicic, Gavrilo and Milos Paunovic. 1971. A contribution to the study of the root-knot nematode (Meloidogyne hapla Chitwood). Zastita Bilja Plant Protection XXII:147-152.

Guevara Pozo, Diego and Tobar Jimenez Antonio. 1963. Nematodes parasitos de vegetales de la Vega de Granada. Rev. Iber. Parasitol. 23(3-4):347-368.

Harrington, Virginia. 1973. Nematology Literature List. Agricultural Reserach Service, U.S. Department of Agriculture Northeastern Region NE8:1-62. List of 806 publications reviewed during calendar year 1971, divided under 14 subject headings.

Heyns Juan. 1971. A guide to the plant and soil nematodes of South Africa. A. A. Balkema Academic and Technical Publications Cape Town. 233 pages.

Hoestra, H. 1972. Assessment of losses caused by <u>Meloidogyne</u> spp. (Abstract). XIth International Symposium of Nematology, Reading. p. 29.

Edited by Johari, Om and Irene Corvin. 1972. Scanning electron microscopy. Proceedings of the Part I 5th Annual Scanning Electron Microscope Symposium and Part II Workshop on Biological Specimen Preparation for Scanning Electron Microscopy. 447 pages.

Johnson, R. T., J. T. Alexander, G. E. Rush, and G. R. Hawkes. 1972. Advances in sugar beet production: principles and practices. Nematologica 18(1):p. 154.

Kadyan, A. S. and Gupta, D. S. 1971. Incidence of root-knot nematode Meloidogyne incognita in Haryana. Labdev j. Sci. Technol. Part B. Life Sci. 9B(2):p. 148.

- Katcho, Zuhair A. 1972. First occurrence of certain root-knot nematode species in Irag. Plant Dis. Reptr. 56(9):p. 824.
- Kerstan, U. and Laime Mulet Mendez. 1972. Nematologische aspekte der dubanischen landwirtschaft. "Probleme der Phytonematologie" Groß Lüsewitz. 102-111.
- Kheiri, A. 1972. Plant parasitic nematodes (Tylenchida) from Iran. Biol. Jb. Dodonaea 40:224-239.
- Kirjanova, E. S. and E. L. Krall. 1971. Plant Nematology in the Soviet Union. Nematology News 20:15-18.
- Klindic, Olga. 1973. Investigations of potato root-eelworm Heterodera rostochiensis Woll. from the point of view of the biological properties of the populations. Institute for Agricultural Research FG YU 139, Project #E30 CR 68. 35 pages.
- Koshy, P. K. and Gopal Swarup. 1971. Distribution of <u>Heterodera</u> avenae, <u>H. zeae</u>, <u>H. cajani</u> and <u>Anguina</u> <u>tritici</u> in India. Indian J. Nematol. 1(2):106-111.
- Krall, E. 1962. The plant parasitic nematode, <u>Ditylenchus radicicola</u> -- new for Estonia. The Naturalists Society Attached To the Academy of Sciences of the Estonian S.S.R. 1,3:183-188.
- 1970. Phytonematological problems in the Baltic Republics of the USSR and the present situation of research. Nachrichtenblatt für den Deutschen Pflanzenschutzdienst 9:182-184.
- Kuiper, K. and H. Brinkman. 1970. Enige bijzondere aaltjesaantastingen in 1969. Gewasbescherming 1:p. 36.
- Lamberti, F. 1972. Morphological variations and geographic distribution of Longidorus africanus Merny. (Abstract). Nematropica 2(1):p. 7.
- Lamberti, F., F. Roca and T. Bleve-Zacheo. 1972. Geographical distribution of species of <u>Xiphinema</u> Cobb in some Italian regions. (Abstract). XIth Internationa Symposium of Nematology, Reading. p. 40.
- Lima, M. Bravo and L. Gerson Reis. 1971. <u>Radopholus similis</u> (Cobb) Thorne em Mocambique (Relatorio de uma visita de estudo). Entregue para publicacao 68:1-26.
- Marks, C. F., J. L. Townshend, J. W. Potter, Th. H. A. Olthof, P. W. Johnson, and J. Lounsbery. 1972. Plant-parasitic nematodes genera associated with crops in Ontario in 1971. Can. Plant Dsi. Surv. 52(3): 102-103.

- associated with crops in Ontario in 1972. Can. Plant Dis. Surv. 53(3): 142-143.
- Mayr, Ernst. 1971. Methods and strategies in taxonomic research. Systemic Zoology 20(4):426-433.
- Metcalf, Robert L., Chairman. 1972. Pest control strategies for the future. National Academy of Sciences, Washington, D.C. 376 pages.
- Minton, N. A., E. T. Tucker, and A. M. Golden. 1973. Occurrence of Heterodera mothi, a cyst nematode, in the United States. Plant Dis. Reptr. 57(11):p. 946.
- Olthof, Th. H. A. and B. E. Hopper. 1973. Distribution of <u>Pratylenchus</u> spp. and other sytlet-bearing nematode genera in soils of the flue-cured tobacco area of southern Ontario. Can. Plant Dis. Surv. 53(1):31-33.
- Potter, J. W. and J. L. Townshend. 1973. Distribution of plant-parasitic nematodes in field crop soils of southwestern and central Ontario. Can. Plant Dis. Surv. 53(1):39-48.
- Ritter, Maurice. 1972. The economic importance of Meloidogyne in Europe and the Mediterranean Basin. OEPP/EPPO Bull. 6:17-22.
- agriculture. Phytoma. Defense des Cultures Paris 236:15-20.
- 1973. Incidence economique des nematodes sur la production agricole. OEPP/EPPO Bulletin 3(1):37-48.
- S. La Massese, C. and A. Kermarrec. 1972. New contribution to the study of the nematodes of the French Antilles. (Abstract). Nematropica 2(1):6-7.
- Sethi, C. L., R. P. Nath, V. K. Mathur and S. Ahuja. 1972. Interceptions of plant parasitic nematodes from imported seed/plant material. Indian J. Nematol. 2(1):89-93.
- Sewell, Robert. 1972. Plant-parasitic nematodes from Canada and abroad, 1970. Can. Plant Dis. Surv. 52(1):p. 32.
- abroad, 1971. Can. Plant Dis. Surv. 53(1):34-35.
- Sharma, R. D. 1973. Plant-parasitic nematodes in the Sao Francisco valley, Pernambuco, Brazil. Nematropica 3(2):51-54.

- Siddiqui, I. A., S. A. Sher, and A. M. French. 1973. Distribution of plant parasitic nematodes in California. State of California Department of Food and Agriculture, Division of Plant Industry. 324 pages.
- Singh, N. D. 1972. Plant-parasitic nematodes associated with some economic crops in Guyana. Plant Dis. Reptr. 56(12):1059-1062.
- Singh, N. D. 1973. Preliminary report of plant parasitic nematodes associated with important crops in Trinidad. Nematropica 3(2):56-61.
- J. F. Southey (Edited by). 1970. Laboratory methods for work with plant and soil nematodes. Ministry of Agriculture, Fisheries and Food Technical Bulletin 2. 2:1-148.
- Sparks, Albert K. 1972. Invertebrate pathology. Noncommunicable diseases. Academic Press, New York and London. 387 pages.
- Taylor, Donald P., Adib T. Saad, and W. Eckert Schlösser. 1972. Occurrence and distribution of plant-parasitic nematodes in Lebanon. FAO Plant Protection Bulletin 20(5):105-110 & 118.
- Walker, J. and R. W. McLeod. 1970. New records of plant diseases in New South Wales. Agricultural Gazette of N.S.W. 1-7.
- Wallace, H. R. 1973. Nematode ecology and plant disease. Edward Arnold London, Crane, Russak New York. 228 pages.
- Webster, J. M. (Edited by). 1972. Economic Nematology Academic Press -London New York. 1-563.
- Webster, G. R. and E. J. Hawn. 1973. Distribution of <u>Paratylenchus</u> projectus in central and northern Alberta. Can. Plant Dis. Surv. 53 (4):175-177.